FCC CO-LOCATION RADIO TEST REPORT

FCC ID	**:**	**2ARGE-6383**
Equipment	**:**	**Digital Media Receiver**
Model Name	**:**	**O2T2V3**
Applicant	**:**	**Flake LLC** **4321 W. College Avenue; Suite 200** **Appleton, Wisconsin 54914**
Standard	**:**	**FCC Part 15 Subpart E §15.407**

The product was received on Jan. 22, 2019 and testing was started from May 15, 2019 and completed on Jun. 25, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Jones Tsai

Approved by: Jones Tsai

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
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History of this test report

Report No.	Version	Description	Issued Date
FR8O0521-02G	01	Initial issue of report	Jul. 10, 2019

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)
3.1	15.407(b)	Unwanted Emissions	Pass
-	15.203 15.407(a)	Antenna Requirement	Pass

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Wii Chang

Report Producer: Maggie Chiang

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Digital Media Receiver
Model Name	O2T2V3
FCC ID	2ARGE-6383
EUT supports Radios application	WLAN 11b/g/n HT20 WLAN 11a/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE Zigbee

1.2 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency Range	WLAN 802.11b: 2412 MHz ~ 2472 MHz WLAN 802.11a: 5180 MHz ~ 5240 MHz; 5260 MHz ~ 5320 MHz; 5500 MHz ~ 5720 MHz; 5745 MHz ~ 5825 MHz Bluetooth: 2402 MHz ~ 2480 MHz Zigbee: 2405 MHz ~ 2480 MHz
Antenna Type / Gain	Bluetooth : Flex Antenna with gain 5.1 dBi Zigbee: Flex Antenna with gain 4.9 dBi **<2412 MHz ~ 2472 MHz>** Ant. 0 : PCB IFA Antenna with gain 4.6 dBi Ant. 1 : PCB IFA Antenna with gain 4.5 dBi **<5180 MHz ~ 5240 MHz>** Ant. 0 : PCB IFA Antenna with gain 5.3 dBi Ant. 1 : PCB IFA Antenna with gain 4.9 dBi Ant. 2 : PCB IFA Antenna with gain 5.5 dBi **<5260 MHz ~ 5320 MHz>** Ant. 0 : PCB IFA Antenna with gain 5.7 dBi Ant. 1 : PCB IFA Antenna with gain 5.3 dBi **<5500 MHz ~ 5720 MHz>** Ant. 0 : PCB IFA Antenna with gain 4.8 dBi Ant. 1 : PCB IFA Antenna with gain 5.6 dBi **<5745 MHz ~ 5825 MHz>** Ant. 0 : PCB IFA Antenna with gain 5.0 dBi Ant. 1 : PCB IFA Antenna with gain 4.7 dBi Ant. 2 : PCB IFA Antenna with gain 6.2 dBi
Type of Modulation	Bluetooth LE : GFSK Zigbee : BPSK, QPSK 802.11b : DSSS (DBPSK / DQPSK / CCK) 802.11a : OFDM (BPSK / QPSK / 16QAM / 64QAM)

1.3 Modification of EUT

No modifications are made to the EUT during all test items.

1.4 Testing Location

Test Site	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	03CH16-HY

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC Designation No. TW0007

1.5 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- FCC Part 15 Subpart E
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v05r02
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- ANSI C63.10-2013

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.

2 Test Configuration of Equipment Under Test

The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in two configurations, with accessories and without accessories. The worst case (with accessories) was recorded in this report.

2.1 Carrier Frequency and Channel

Zigbee 2405-2480 MHz		Zigbee 2405-2480 MHz		Zigbee 2405-2480 MHz	
Channel	**Freq. (MHz)**	**Channel**	**Freq. (MHz)**	**Channel**	**Freq. (MHz)**
11	2405	17	2435	25	2475

2400-2483.5 MHz Bluetooth - LE		2400-2483.5 MHz 802.11b	
Channel	**Freq. (MHz)**	**Channel**	**Channel**
39	2480	01	2412

5150-5250 MHz 802.11a		5150-5250 MHz 802.11a	
Channel	**Channel**	**Channel**	**Channel**
36	5180	48	5240

5250-5350 MHz 802.11a		5470-5725 MHz 802.11a	
Channel	**Freq. (MHz)**	**Channel**	**Channel**
64	5320	100	5500

5725-5850 MHz 802.11a		5725-5850 MHz 802.11a	
Channel	**Freq. (MHz)**	**Channel**	**Freq. (MHz)**
165	5825	149	5745

2.2 Test Mode

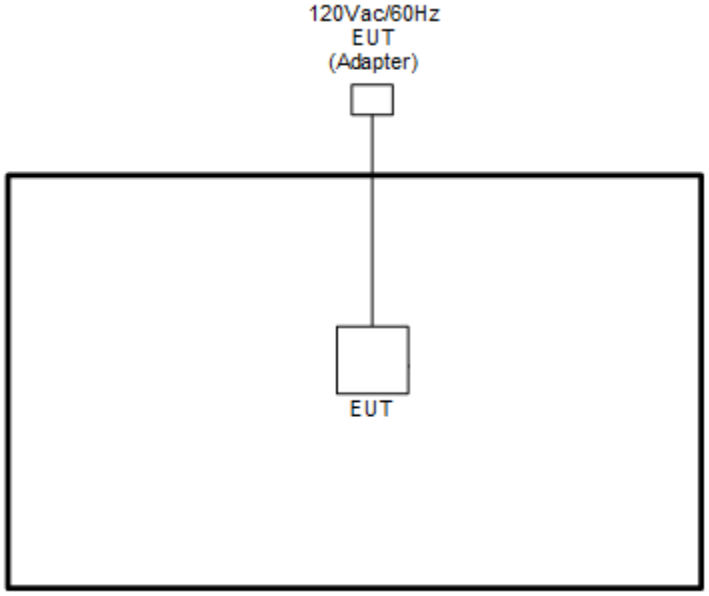
Final test modes are considering the modulation and worse data rates as below table.

<Co-Location>

Modulation	Data Rate
5GHz 802.11a CH48 for Ant. 0+1 + 5GHz 802.11a CH149 for Ant. 2 + BLE 1Mbps + Zigbee CH25	MCS0 + 6Mbps + 1Mbps + 250K
5GHz 802.11a CH64 for Ant. 0+1 + 5GHz 802.11a CH149 for Ant. 2 + BLE 1Mbps + Zigbee CH25	MCS0 + 6Mbps + 1Mbps + 250K
5GHz 802.11a CH100 for Ant. 0+1 + 5GHz 802.11a CH36 for Ant. 2 + BLE 1Mbps + Zigbee CH25	MCS0 + 6Mbps + 1Mbps + 250K
5GHz 802.11a CH165 for Ant. 0+1 + 5GHz 802.11a CH36 for Ant. 2 + BLE 1Mbps + Zigbee CH25	MCS0 + 6Mbps + 1Mbps + 250K
5GHz 802.11b CH1 for Ant. 0+1 + 5GHz 802.11a CH36 for Ant. 2 + BLE 1Mbps + Zigbee CH25	1 Mbps + 6Mbps + 1Mbps + 250K
5GHz 802.11b CH1 for Ant. 0+1 + 5GHz 802.11a CH36 for Ant. 2 + BLE 1Mbps + Zigbee CH11	1 Mbps + 6Mbps + 1Mbps + 250K
5GHz 802.11b CH1 for Ant. 0+1 + 5GHz 802.11a CH36 for Ant. 2 + BLE 1Mbps + Zigbee CH17	1 Mbps + 6Mbps + 1Mbps + 250K
5GHz 802.11b CH1 for Ant. 0+1 + 5GHz 802.11a CH36 for Ant. 2 + BLE 1Mbps + Zigbee CH25	1 Mbps + 6Mbps + 1Mbps + 250K

2.3 Connection Diagram of Test System

<Co-Location Mode>



2.4 EUT Operation Test Setup

The RF test items, utility “Compliance.exe” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

3 Test Result

3.1 Unwanted Emissions Measurement

This section is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement.

3.1.1 Limit of Unwanted Emissions

(1) Unwanted spurious emissions fallen in restricted bands shall comply with the general field strength limits as below table,

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

Note: The following formula is used to convert the EIRP to field strength.

$$E=\frac{1000000\sqrt{30P}}{3}$$ μV/m, where P is the eirp (Watts)

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27	68.3

(2) KDB789033 D02 v02r01 G)2)c)

(i) Section 15.407(b)(1) to (b)(3) specify the unwanted emission limits for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz.[3]

(ii) Section 15.407(b)(4) specifies the unwanted emission limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are in terms of a Peak detector. An alternative to the band emissions mask is specified in Section 15.407(b)(4)(ii). The alternative limits are based on the highest antenna gain specified in the filing. There are also marketing and importation restrictions for the devices using the alternative limit.[4]

Note 3: An out-of-band emission that complies with both the average and peak limits of Section 15.209 is not required to satisfy the -27 dBm/MHz peak emission limit.

Note 4: Only devices with antenna gains of 10 dBi or less may be approved using the emission limits specified in Section 15.247(d) till March 2, 2018; all other devices operating in this band must use the mask specified in Section 15.407(b)(4)(i).

3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.

   (1) Procedure for Unwanted Emissions Measurements Below 1000MHz

   - RBW = 120 kHz
   - VBW = 300 kHz
   - Detector = Peak
   - Trace mode = max hold

   (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz

   - RBW = 1 MHz
   - VBW ≥ 3 MHz
   - Detector = Peak
   - Sweep time = auto
   - Trace mode = max hold

   (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

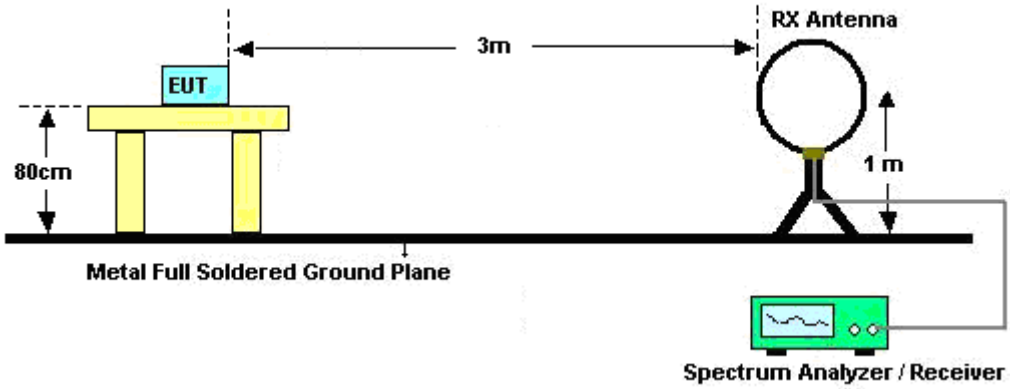
   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.

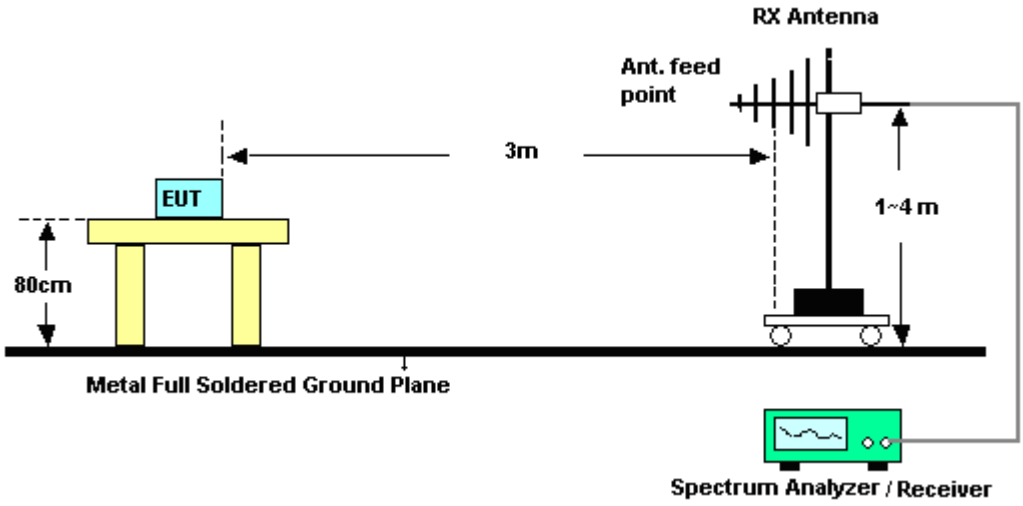
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.1.4 Test Setup

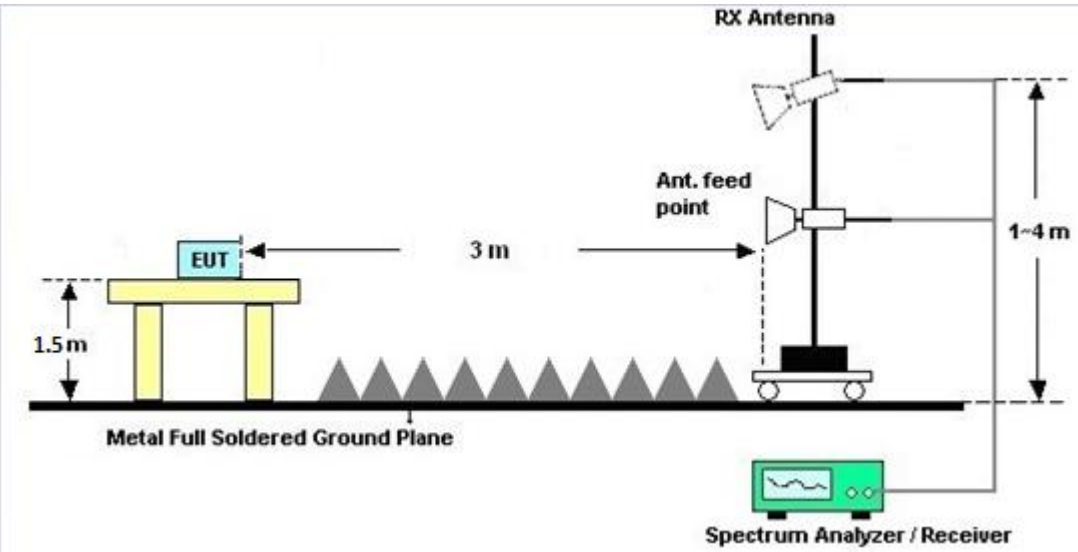
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



3.1.5 Test Results of Radiated Spurious Emissions (9 kHz ~ 30 MHz)

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

3.1.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix A and B.

3.1.7 Duty Cycle

Please refer to Appendix C.

3.1.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic)

Please refer to Appendix A and B.

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 11, 2019	May 15, 2019~ Jun. 25, 2019	Jan. 10, 2020	Radiation (03CH16-HY)
Bilog Antenna	TESEQ	CBL6111D&00802N1D01N-06	47020&06	30MHz to 1GHz	Oct. 13, 2018	May 15, 2019~ Jun. 25, 2019	Oct. 12, 2019	Radiation (03CH16-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1522	1G~18GHz	Sep. 07, 2018	May 15, 2019~ Jun. 25, 2019	Sep. 06, 2019	Radiation (03CH16-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170251	18GHz ~ 40GHz	Nov. 20, 2018	May 15, 2019~ Jun. 25, 2019	Nov. 19, 2019	Radiation (03CH16-HY)
Amplifier	SONOMA	310N	371607	9kHz~1000MHz	Oct. 02, 2018	May 15, 2019~ Jun. 25, 2019	Oct. 01, 2019	Radiation (03CH16-HY)
Preamplifier	Jet-Power	JPA0118-55-303	1710001800055007	1GHz~18GHz	Apr. 01, 2019	May 15, 2019~ Jun. 25, 2019	Mar. 31, 2020	Radiation (03CH16-HY)
Preamplifier	Keysight	83017A	MY53270264	1GHz~26.5GHz	Dec. 12, 2018	May 15, 2019~ Jun. 25, 2019	Dec.11, 2019	Radiation (03CH16-HY)
Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz,VSWR : 2.5:1 max	Jul. 16, 2018	May 15, 2019~ Jun. 25, 2019	Jul. 15, 2019	Radiation (03CH16-HY)
EMI Test Receiver	Keysight	N9038A (MXE)	MY57290111	3Hz~26.5GHz	Nov. 29, 2018	May 15, 2019~ Jun. 25, 2019	Nov. 28, 2019	Radiation (03CH16-HY)
Spectrum Analyzer	Agilent	N9010A	MY54200486	10Hz~44GHz	Oct. 19, 2018	May 15, 2019~ Jun. 25, 2019	Oct. 18, 2019	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	MY1082/26EA	30M-18G	Oct. 15, 2018	May 15, 2019~ Jun. 25, 2019	Oct. 14, 2019	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15539/4	30M-18G	Feb. 26, 2019	May 15, 2019~ Jun. 25, 2019	Feb. 25, 2020	Radiation (03CH16-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY36980/4	30M~18GHz	Apr. 15, 2019	May 15, 2019~ Jun. 25, 2019	Apr. 14, 2020	Radiation (03CH16-HY)
Software	Audix	E3 6.2009-8-24	RK-001136	N/A	N/A	May 15, 2019~ Jun. 25, 2019	N/A	Radiation (03CH16-HY)

5 Uncertainty of Evaluation

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.9**

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.8**

Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**3.9**

Appendix A. Radiated Spurious Emission

Test Engineer :	Jacky Hung, Austin Li, and CR Liao	Temperature :	20~25°C
		Relative Humidity :	55~60%

Band 1 5150~5250MHz (Band Edge @ 3m)

	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
Simultaneously		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
Mode 1		5121.42	56.31	-17.69	74	40.11	32.65	13.27	29.72	207	141	P	H
Ant 0+1		5149.24	44.91	-9.09	54	28.81	32.62	13.2	29.72	207	141	A	H
11a Ch48	*	5240	118.45	-	-	102.61	32.51	13.05	29.72	207	141	P	H
+	*	5240	110.48	-	-	94.64	32.51	13.05	29.72	207	141	A	H
Ant 2		5389.72	53.61	-20.39	74	38.05	32.33	12.96	29.73	207	141	P	H
11a Ch149		5351.64	43.46	-10.54	54	27.83	32.38	12.98	29.73	207	141	A	H
+		5132.86	56.2	-17.8	74	40.04	32.64	13.24	29.72	195	94	P	V
Ant 2		5149.76	44.33	-9.67	54	28.23	32.62	13.2	29.72	195	94	A	V
BLE 1M Ch39	*	5240	115.03	-	-	99.19	32.51	13.05	29.72	195	94	P	V
+	*	5240	107.84	-	-	92	32.51	13.05	29.72	195	94	A	V
Ant 3		5358.64	54.81	-19.19	74	39.19	32.37	12.98	29.73	195	94	P	V
Zigbee Ch25		5350.24	42.64	-11.36	54	27.01	32.38	12.98	29.73	195	94	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 4 5725~5850MHz (Band Edge @ 3m)

	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
Simultaneously		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
Mode 1		5646	55.84	-12.36	68.2	38.85	32.52	13.78	29.81	201	10	P	H
Ant 0+1		5698.6	59.85	-44.32	104.17	42.64	32.64	13.93	29.84	201	10	P	H
11a Ch48		5719.4	77.09	-33.54	110.63	59.81	32.68	13.98	29.85	201	10	P	H
+		5724.8	84.97	-36.77	121.74	67.66	32.69	14	29.85	201	10	P	H
Ant 2	*	5745	112.52	-	-	95.12	32.74	14.05	29.86	201	10	P	H
11a Ch149	*	5745	104.34	-	-	86.94	32.74	14.05	29.86	201	10	A	H
+		5648.6	58.28	-9.92	68.2	41.27	32.53	13.79	29.81	132	324	P	V
Ant 2		5697.6	64.76	-38.67	103.43	47.56	32.63	13.92	29.83	132	324	P	V
BLE 1M Ch39		5720	82.53	-28.27	110.8	65.25	32.68	13.98	29.85	132	324	P	V
+		5724.6	89.48	-31.81	121.29	72.17	32.69	14	29.85	132	324	P	V
Ant 3	*	5745	118.95	-	-	101.55	32.74	14.05	29.86	132	324	P	V
Zigbee Ch25	*	5745	110.86	-	-	93.46	32.74	14.05	29.86	132	324	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

BLE (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 1 Ant 0+1 11a Ch48 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	*	2480	105.75	-	-	88.58	27.65	19.78	30.26	230	309	P	H
	*	2480	105.24	-	-	88.07	27.65	19.78	30.26	230	309	A	H
		2485.6	58.38	-15.62	74	41.19	27.66	19.78	30.25	230	309	P	H
		2484.96	49.56	-4.44	54	32.37	27.66	19.78	30.25	230	309	A	H
	*	2480	105.04	-	-	87.87	27.65	19.78	30.26	209	260	P	V
	*	2480	104.53	-	-	87.36	27.65	19.78	30.26	209	260	A	V
		2484.72	58.01	-15.99	74	40.82	27.66	19.78	30.25	209	260	P	V
		2484.72	49.22	-4.78	54	32.03	27.66	19.78	30.25	209	260	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Zigbee (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 1 Ant 0+1 11a Ch48 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	*	2475	116.7	-	-	99.55	27.64	19.77	30.26	239	53	P	H
	*	2475	114.56	-	-	97.41	27.64	19.77	30.26	239	53	P	H
		2483.6	63.51	-10.49	74	46.32	27.66	19.78	30.25	239	53	P	H
		2483.52	53.11	-0.89	54	35.92	27.66	19.78	30.25	239	53	A	H
	*	2475	113.15	-	-	96	27.64	19.77	30.26	100	70	P	V
	*	2475	110.94	-	-	93.79	27.64	19.77	30.26	100	70	P	V
		2483.88	60.68	-13.32	74	43.49	27.66	19.78	30.25	100	70	P	V
		2483.52	50.32	-3.68	54	33.13	27.66	19.78	30.25	100	70	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz, Band 1 5150~5250MHz, Band 4 5725~5850MHz (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 1 Ant 0+1 11a Ch48 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25		4950	60.84	-13.16	74	41.46	32.7	13.47	29.71	103	41	P	H
		4950	48.61	-5.39	54	29.23	32.7	13.47	29.71	103	41	A	H
		4960	60.33	-13.67	74	40.91	32.72	13.48	29.71	146	350	P	H
		4960	48.03	-5.97	54	28.61	32.72	13.48	29.71	146	350	A	H
		7425	52.74	-21.26	74	62.61	37.4	14.92	63.01	328	10	P	H
		7425	43.41	-10.59	54	53.28	37.4	14.92	63.01	328	10	A	H
		7440	47.74	-26.26	74	57.54	37.42	14.96	63	100	0	P	H
		10480	61.77	-6.43	68.2	67.78	40.07	17.27	63.66	100	0	P	H
		11490	47.89	-26.11	74	52.8	39.71	18.09	62.99	100	0	P	H
		15720	49.56	-24.44	74	52.48	37.9	21.21	62.36	100	0	P	H
		17235	52.09	-16.11	68.2	47.91	43.12	22.91	62.21	100	0	P	H
		4950	62.36	-11.64	74	42.98	32.7	13.47	29.71	100	87	P	V
		4950	50.24	-3.76	54	30.86	32.7	13.47	29.71	100	87	A	V
		4960	61.02	-12.98	74	41.6	32.72	13.48	29.71	100	345	P	V
		4960	47.98	-6.02	54	28.56	32.72	13.48	29.71	100	345	A	V
		7425	53.01	-20.99	74	62.88	37.4	14.92	63.01	348	57	P	V
		7425	45.51	-8.49	54	55.38	37.4	14.92	63.01	348	57	A	V
		7440	46.81	-27.19	74	56.61	37.42	14.96	63	100	0	P	V
		10480	58.96	-9.24	68.2	64.97	40.07	17.27	63.66	100	0	P	V
		11490	49.15	-24.85	74	54.06	39.71	18.09	62.99	100	0	P	V
		15720	45.75	-28.25	74	48.67	37.9	21.21	62.36	100	0	P	V
		17235	51.89	-16.31	68.2	47.71	43.12	22.91	62.21	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 2 Ant 0+1 11a Ch64 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	*	5320	114.64	-	-	98.95	32.42	13	29.73	197	139	P	H
	*	5320	106.63	-	-	90.94	32.42	13	29.73	197	139	A	H
		5351.52	59.51	-14.49	74	43.88	32.38	12.98	29.73	197	139	P	H
		5351.2	47.19	-6.81	54	31.56	32.38	12.98	29.73	197	139	A	H
	*	5320	110.01	-	-	94.32	32.42	13	29.73	296	192	P	V
	*	5320	102.4	-	-	86.71	32.42	13	29.73	296	192	A	V
		5353.44	55.26	-18.74	74	39.63	32.38	12.98	29.73	296	192	P	V
		5351.2	44.9	-9.1	54	29.27	32.38	12.98	29.73	296	192	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 4 5725~5850MHz (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 2		5646	56.5	-11.7	68.2	39.55	32.52	14.24	29.81	201	10	P	H
Ant 0+1		5697.4	60.59	-42.69	103.28	43.44	32.63	14.35	29.83	201	10	P	H
11a Ch64		5718.4	75.99	-34.36	110.35	58.75	32.68	14.4	29.84	201	10	P	H
+		5723.8	80.36	-39.1	119.46	63.11	32.69	14.41	29.85	201	10	P	H
Ant 2	*	5745	111.41	-	-	94.07	32.74	14.46	29.86	201	10	P	H
11a Ch149	*	5745	103.98	-	-	86.64	32.74	14.46	29.86	201	10	A	H
+		5649.4	59.19	-9.01	68.2	42.22	32.53	14.25	29.81	156	326	P	V
Ant 2		5698.6	65.7	-38.47	104.17	48.54	32.64	14.36	29.84	156	326	P	V
BLE 1M Ch39		5719.4	80.79	-29.84	110.63	63.56	32.68	14.4	29.85	156	326	P	V
+		5724.6	89.26	-32.03	121.29	72	32.69	14.42	29.85	156	326	P	V
Ant 3	*	5745	117.39	-	-	100.05	32.74	14.46	29.86	156	326	P	V
Zigbee Ch25	*	5745	109.59	-	-	92.25	32.74	14.46	29.86	156	326	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

BLE (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 2 Ant 0+1 11a Ch64 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	*	2480	105.55	-	-	89.78	27.65	18.38	30.26	227	308	P	H
	*	2480	104.99	-	-	89.22	27.65	18.38	30.26	227	308	A	H
		2492.08	57.99	-16.01	74	42.17	27.68	18.39	30.25	227	308	P	H
		2485.48	48.12	-5.88	54	32.33	27.66	18.38	30.25	227	308	A	H
	*	2480	104.94	-	-	89.17	27.65	18.38	30.26	210	265	P	V
	*	2480	104.41	-	-	88.64	27.65	18.38	30.26	210	265	A	V
		2484.44	57.44	-16.56	74	41.65	27.66	18.38	30.25	210	265	P	V
		2484.96	47.73	-6.27	54	31.94	27.66	18.38	30.25	210	265	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Zigbee (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 2 Ant 0+1 11a Ch64 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	*	2475	116.41	-	-	100.66	27.64	18.37	30.26	238	60	P	H
	*	2475	114.23	-	-	98.48	27.64	18.37	30.26	238	60	A	H
		2484.44	61.56	-12.44	74	45.77	27.66	18.38	30.25	238	60	P	H
		2483.52	52.27	-1.73	54	36.48	27.66	18.38	30.25	238	60	P	H
	*	2475	113.38	-	-	97.63	27.64	18.37	30.26	100	60	P	V
	*	2475	111.21	-	-	95.46	27.64	18.37	30.26	100	60	A	V
		2484.24	59.33	-14.67	74	43.54	27.66	18.38	30.25	100	60	P	V
		2483.52	49.95	-4.05	54	34.16	27.66	18.38	30.25	100	60	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz, Band 2 5250~5350MHz, Band 4 5725~5850MHz (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 2 Ant 0+1 11a Ch64 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25		4950	60.07	-13.93	74	40.69	32.7	13.47	29.71	100	0	P	H
		4950	49.52	-4.48	54	30.14	32.7	13.47	29.71	100	0	A	H
		4960	59.7	-14.3	74	40.28	32.72	13.48	29.71	100	0	P	H
		4960	49.4	-4.6	54	29.98	32.72	13.48	29.71	100	0	A	H
		7425	52.28	-21.72	74	62.15	37.4	14.92	63.01	328	10	P	H
		7425	43.55	-10.45	54	53.42	37.4	14.92	63.01	328	10	A	H
		7440	47.68	-26.32	74	57.48	37.42	14.96	63	100	0	P	H
		10640	59.88	-14.12	74	65.8	40.1	17.4	63.72	289	197	P	H
		10640	47.94	-6.06	54	53.86	40.1	17.4	63.72	289	197	A	H
		11490	47.71	-26.29	74	52.62	39.71	18.09	62.99	100	0	P	H
		15960	45.98	-28.02	74	49.01	37.9	21.33	62.52	100	0	P	H
		17235	51.07	-17.13	68.2	46.89	43.12	22.91	62.21	100	0	P	H
		4950	59.75	-14.25	74	40.37	32.7	13.47	29.71	161	84	P	V
		4950	51.05	-2.95	54	31.67	32.7	13.47	29.71	161	84	A	V
		4960	59.19	-14.81	74	39.77	32.72	13.48	29.71	130	0	P	V
		4960	48.96	-5.04	54	29.54	32.72	13.48	29.71	130	0	A	V
		7425	53.86	-20.14	74	63.73	37.4	14.92	63.01	347	57	P	V
		7425	45.59	-8.41	54	55.46	37.4	14.92	63.01	347	57	A	V
		7440	47.15	-26.85	74	56.95	37.42	14.96	63	100	0	P	V
		10640	56.7	-17.3	74	62.62	40.1	17.4	63.72	301	170	P	V
		10640	44.89	-9.11	54	50.81	40.1	17.4	63.72	301	170	A	V
		11490	49.33	-24.67	74	54.24	39.71	18.09	62.99	100	0	P	V
		15960	46.87	-27.13	74	49.9	37.9	21.33	62.52	100	0	P	V
		17235	50.74	-17.46	68.2	46.56	43.12	22.91	62.21	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 3 Ant 0+1 11a Ch100 + Ant 2		5460.08	60.19	-8.01	68.2	44.52	32.25	13.16	29.74	196	218	P	H
		5467.76	65.13	-3.07	68.2	49.44	32.24	13.19	29.74	196	218	P	H
		5458.32	47.75	-6.25	54	32.08	32.25	13.16	29.74	196	218	A	H
	*	5500	115.85	-	-	100.08	32.2	13.31	29.74	196	218	P	H
	*	5500	108.64	-	-	92.87	32.2	13.31	29.74	196	218	A	H
Mode 3 Ant 0+1 11a Ch36 + Ant 2		5456.4	56.37	-17.63	74	40.71	32.25	13.15	29.74	107	182	P	V
		5469.52	62.06	-6.14	68.2	46.36	32.24	13.2	29.74	107	182	P	V
		5459.6	44.89	-9.11	54	29.22	32.25	13.16	29.74	107	182	A	V
Mode 3 Ant 0+1 BLE 1M Ch39 + Ant 3	*	5500	111.6	-	-	95.83	32.2	13.31	29.74	107	182	P	V
Mode 3 Ant 0+1 Zigbee Ch25 + Ant 3	*	5500	104.03	-	-	88.26	32.2	13.31	29.74	107	182	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 3 Ant 0+1 11a Ch100 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25		5146.64	60.84	-13.16	74	44.27	32.62	13.67	29.72	202	8	P	H
		5150	49.05	-4.95	54	32.49	32.62	13.66	29.72	202	8	A	H
	*	5180	109.9	-	-	93.46	32.58	13.58	29.72	202	8	P	H
	*	5180	102.68	-	-	86.24	32.58	13.58	29.72	202	8	A	H
		5149.5	65.93	-8.07	74	49.37	32.62	13.66	29.72	170	332	P	V
		5150	53.2	-0.8	54	36.64	32.62	13.66	29.72	170	332	A	V
	*	5180	114.62	-	-	98.18	32.58	13.58	29.72	170	332	P	V
	*	5180	107.33	-	-	90.89	32.58	13.58	29.72	170	332	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

BLE (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 3 Ant 0+1 11a Ch100 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	*	2480	105.66	-	-	89.89	27.65	18.38	30.26	224	315	P	H
	*	2480	105.08	-	-	89.31	27.65	18.38	30.26	224	315	A	H
		2485.16	58.43	-15.57	74	42.64	27.66	18.38	30.25	224	315	P	H
		2485.16	48.23	-5.77	54	32.44	27.66	18.38	30.25	224	315	A	H
	*	2480	105.08	-	-	89.31	27.65	18.38	30.26	220	273	P	V
	*	2480	104.4	-	-	88.63	27.65	18.38	30.26	220	273	A	V
		2492.32	57.87	-16.13	74	42.05	27.68	18.39	30.25	220	273	P	V
		2485.08	47.68	-6.32	54	31.89	27.66	18.38	30.25	220	273	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Zigbee (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 3 Ant 0+1 11a Ch100 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	*	2475	116.42	-	-	100.67	27.64	18.37	30.26	236	64	P	H
	*	2475	114.21	-	-	98.46	27.64	18.37	30.26	236	64	A	H
		2483.68	64.27	-9.73	74	48.48	27.66	18.38	30.25	236	64	P	H
		2483.52	52.65	-1.35	54	36.86	27.66	18.38	30.25	236	64	A	H
	*	2475	112.91	-	-	97.16	27.64	18.37	30.26	101	68	P	V
	*	2475	110.78	-	-	95.03	27.64	18.37	30.26	101	68	A	V
		2484.08	60.74	-13.26	74	44.95	27.66	18.38	30.25	101	68	P	V
		2483.52	49.75	-4.25	54	33.96	27.66	18.38	30.25	101	68	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz, Band 1 5150~5250MHz, Band 3 5470~5725MHz (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 3 Ant 0+1 11a Ch100 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25		4950	59.06	-14.94	74	39.36	32.7	13.47	29.71	122	86	P	H
		4950	50.2	-3.8	54	30.5	32.7	13.47	29.71	122	86	A	H
		4960	59.33	-14.67	74	39.59	32.72	13.48	29.71	100	183	P	H
		4960	48.49	-5.51	54	28.75	32.72	13.48	29.71	100	183	A	H
		7425	52.08	-21.92	74	61.95	37.4	14.92	63.01	327	9	P	H
		7425	43.57	-10.43	54	53.44	37.4	14.92	63.01	327	9	A	H
		7440	47.67	-26.33	74	57.47	37.42	14.96	63	100	0	P	H
		10360	48.1	-20.1	68.2	54.54	39.9	17.17	63.82	100	0	P	H
		11000	60.78	-13.22	74	66.63	40.1	17.69	63.94	269	247	P	H
		11000	49.65	-4.35	54	55.5	40.1	17.69	63.94	269	247	A	H
		15540	44.97	-29.03	74	47.8	37.9	21.12	62.24	100	0	P	H
		16500	47.13	-21.07	68.2	47.67	40.1	21.98	62.92	100	0	P	H
		4950	58.64	-15.36	74	38.94	32.7	13.47	29.71	152	64	P	V
		4950	48.81	-5.19	54	29.11	32.7	13.47	29.71	152	64	A	V
		4960	58.96	-15.04	74	39.22	32.72	13.48	29.71	100	0	P	V
		4960	48.61	-5.39	54	28.87	32.72	13.48	29.71	100	0	A	V
		7425	53.41	-20.59	74	63.28	37.4	14.92	63.01	363	56	P	V
		7425	45.18	-8.82	54	55.05	37.4	14.92	63.01	363	56	A	V
		7440	48.35	-25.65	74	58.15	37.42	14.96	63	100	0	P	V
		10360	48.03	-20.17	68.2	54.47	39.9	17.17	63.82	100	0	P	V
		11000	57.21	-16.79	74	63.06	40.1	17.69	63.94	308	138	P	V
		11000	46.86	-7.14	54	52.71	40.1	17.69	63.94	308	138	A	V
		15540	44.49	-29.51	74	47.32	37.9	21.12	62.24	100	0	P	V
		16500	46.9	-21.3	68.2	47.44	40.1	21.98	62.92	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 4 Ant 0+1 11a Ch165 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25		5148.46	60.61	-13.39	74	44.05	32.62	13.66	29.72	205	9	P	H
		5150	48.14	-5.86	54	31.58	32.62	13.66	29.72	205	9	A	H
	*	5180	109.02	-	-	92.58	32.58	13.58	29.72	205	9	P	H
	*	5180	101.75	-	-	85.31	32.58	13.58	29.72	205	9	A	H
		5150	65.01	-8.99	74	48.45	32.62	13.66	29.72	124	335	P	V
		5150	52.34	-1.66	54	35.78	32.62	13.66	29.72	124	335	A	V
	*	5180	114.68	-	-	98.24	32.58	13.58	29.72	124	335	P	V
	*	5180	107.4	-	-	90.96	32.58	13.58	29.72	124	335	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 4 5725~5850MHz (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 4 Ant 0+1 11a Ch165 + Ant 2 11a Ch36 + Ant 2	*	5825	118	-	-	100.86	32.92	14.12	29.9	302	182	P	H
	*	5825	110.63	-	-	93.49	32.92	14.12	29.9	302	182	A	H
		5853.6	82.74	-31.25	113.99	65.65	32.98	14.02	29.91	302	182	P	H
		5856	74.72	-35.8	110.52	57.64	32.98	14.01	29.91	302	182	P	H
		5875.4	61.96	-42.94	104.9	44.9	33.03	13.95	29.92	302	182	P	H
		5947.6	57.15	-11.05	68.2	40.21	33.18	13.71	29.95	302	182	P	H
	*	5825	113.38	-	-	96.24	32.92	14.12	29.9	256	84	P	V
	*	5825	106.06	-	-	88.92	32.92	14.12	29.9	256	84	A	V
BLE 1M Ch39 + Ant 3 Zigbee Ch25		5850.6	77.33	-43.5	120.83	60.24	32.97	14.03	29.91	256	84	P	V
		5855	70.36	-40.44	110.8	53.27	32.98	14.02	29.91	256	84	P	V
		5885.2	57.37	-40.26	97.63	40.33	33.05	13.91	29.92	256	84	P	V
		5941.8	56.11	-12.09	68.2	39.17	33.17	13.72	29.95	256	84	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

BLE (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 4 Ant 0+1 11a Ch165 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	*	2480	105.58	-	-	89.81	27.65	18.38	30.26	245	307	P	H
	*	2480	104.92	-	-	89.15	27.65	18.38	30.26	245	307	A	H
		2484.68	58.05	-15.95	74	42.26	27.66	18.38	30.25	245	307	P	H
		2484.6	48.35	-5.65	54	32.56	27.66	18.38	30.25	245	307	A	H
	*	2480	105.22	-	-	89.45	27.65	18.38	30.26	204	260	P	V
	*	2480	104.74	-	-	88.97	27.65	18.38	30.26	204	260	A	V
		2485.32	57.39	-16.61	74	41.6	27.66	18.38	30.25	204	260	P	V
		2485.16	47.88	-6.12	54	32.09	27.66	18.38	30.25	204	260	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Zigbee (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 4 Ant 0+1 11a Ch165 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	*	2475	116.69	-	-	100.94	27.64	18.37	30.26	237	60	P	H
	*	2475	114.55	-	-	98.8	27.64	18.37	30.26	237	60	A	H
		2483.6	63.64	-10.36	74	47.85	27.66	18.38	30.25	237	60	P	H
		2483.52	52.6	-1.4	54	36.81	27.66	18.38	30.25	237	60	A	H
	*	2475	113.15	-	-	97.4	27.64	18.37	30.26	103	72	P	V
	*	2475	110.92	-	-	95.17	27.64	18.37	30.26	103	72	A	V
		2483.68	60.09	-13.91	74	44.3	27.66	18.38	30.25	103	72	P	V
		2483.52	50.03	-3.97	54	34.24	27.66	18.38	30.25	103	72	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz, Band 1 5150~5250MHz, Band 4 5725~5850MHz (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 4 Ant 0+1 11a Ch165 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25		4950	58.47	-15.53	74	39.09	32.7	13.47	29.71	100	0	P	H
		4950	48.59	-5.41	54	29.21	32.7	13.47	29.71	100	0	A	H
		4960	58.74	-15.26	74	39.32	32.72	13.48	29.71	100	0	P	H
		4960	48.67	-5.33	54	29.25	32.72	13.48	29.71	100	0	A	H
		7425	51.75	-22.25	74	61.62	37.4	14.92	63.01	342	13	P	H
		7425	42.87	-11.13	54	52.74	37.4	14.92	63.01	342	13	A	H
		7440	48.43	-25.57	74	58.23	37.42	14.96	63	100	0	P	H
		10360	48.22	-19.98	68.2	54.66	39.9	17.17	63.82	100	0	P	H
		11650	55.33	-18.67	74	60.55	39.49	18.22	63.21	219	213	P	H
		11650	44.94	-9.06	54	50.16	39.49	18.22	63.21	219	213	A	H
		15540	44.97	-29.03	74	47.8	37.9	21.12	62.24	100	0	P	H
		17475	51.69	-16.51	68.2	45.87	44.37	23.21	62.14	100	0	P	H
		4950	59.24	-14.76	74	39.86	32.7	13.47	29.71	100	81	P	V
		4950	50.55	-3.45	54	31.17	32.7	13.47	29.71	100	81	A	V
		4960	59.6	-14.4	74	40.18	32.72	13.48	29.71	100	0	P	V
		4960	48.74	-5.26	54	29.32	32.72	13.48	29.71	100	0	A	V
		7425	52.57	-21.43	74	62.44	37.4	14.92	63.01	363	63	P	V
		7425	43.9	-10.1	54	53.77	37.4	14.92	63.01	363	63	A	V
		7440	48.04	-25.96	74	57.84	37.42	14.96	63	100	0	P	V
		10360	47.8	-20.4	68.2	54.24	39.9	17.17	63.82	100	0	P	V
		11650	53.71	-20.29	74	58.93	39.49	18.22	63.21	100	181	P	V
		11650	43.37	-10.63	54	48.59	39.49	18.22	63.21	100	181	A	V
		15540	45.28	-28.72	74	48.11	37.9	21.12	62.24	100	0	P	V
		17475	51.72	-16.48	68.2	45.9	44.37	23.21	62.14	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 5 Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25		5148.2	60.16	-13.84	74	43.54	32.62	13.72	29.72	187	4	P	H
		5150	48.97	-5.03	54	32.35	32.62	13.72	29.72	187	4	A	H
	*	5180	109.53	-	-	93.03	32.58	13.64	29.72	187	4	P	H
	*	5180	101.7	-	-	85.2	32.58	13.64	29.72	187	4	A	H
		5148.72	66.39	-7.61	74	49.77	32.62	13.72	29.72	146	332	P	V
		5150	53.01	-0.99	54	36.39	32.62	13.72	29.72	146	332	A	V
	*	5180	114.7	-	-	98.2	32.58	13.64	29.72	146	332	P	V
	*	5180	107.3	-	-	90.8	32.58	13.64	29.72	146	332	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 5 Ant 0+1 11b Ch1 + Ant 2		2390	57.35	-16.65	74	41.16	27.41	19.06	30.28	293	169	P	H
		2385.81	52	-2	54	35.83	27.4	19.05	30.28	293	169	P	H
	*	2412	120.07	-	-	103.8	27.47	19.08	30.28	293	169	P	H
11a Ch36 + Ant 2	*	2412	117.1	-	-	100.83	27.47	19.08	30.28	293	169	A	H
		2390	56.21	-17.79	74	40.02	27.41	19.06	30.28	126	120	P	V
BLE 1M Ch39 + Ant 3		2387.07	48.47	-5.53	54	32.29	27.41	19.05	30.28	126	120	P	V
	*	2412	114.42	-	-	98.15	27.47	19.08	30.28	126	120	P	V
Zigbee Ch25	*	2412	111.37	-	-	95.1	27.47	19.08	30.28	126	120	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

BLE (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 5 Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	*	2480	105.89	-	-	89.41	27.65	19.09	30.26	229	310	P	H
	*	2480	105.37	-	-	88.89	27.65	19.09	30.26	229	310	P	H
		2483.52	60.7	-13.3	74	44.2	27.66	19.09	30.25	229	310	P	H
		2483.6	53.35	-0.65	54	36.85	27.66	19.09	30.25	229	310	A	H
	*	2480	104.43	-	-	87.95	27.65	19.09	30.26	239	269	P	V
	*	2480	103.89	-	-	87.41	27.65	19.09	30.26	239	269	P	V
		2487.24	58.1	-15.9	74	41.59	27.67	19.09	30.25	239	269	P	V
		2483.52	48.93	-5.07	54	32.43	27.66	19.09	30.25	239	269	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Zigbee (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 5 Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	*	2475	114.24	-	-	97.77	27.64	19.09	30.26	273	40	P	H
	*	2475	112.02	-	-	95.55	27.64	19.09	30.26	273	40	A	H
		2483.96	62.93	-11.07	74	46.43	27.66	19.09	30.25	273	40	P	H
		2483.52	52.92	-1.08	54	36.42	27.66	19.09	30.25	273	40	A	H
	*	2475	111.94	-	-	95.47	27.64	19.09	30.26	100	59	P	V
	*	2475	109.7	-	-	93.23	27.64	19.09	30.26	100	59	A	V
		2483.88	60.74	-13.26	74	44.24	27.66	19.09	30.25	100	59	P	V
		2483.52	50.54	-3.46	54	34.04	27.66	19.09	30.25	100	59	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz and Band 1 5150~5250MHz (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 5 Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25		2344	58.54	-15.46	74	52.46	27.29	8.33	30.3	253	295	P	H
		2344	52.69	-1.31	54	46.61	27.29	8.33	30.3	253	295	A	H
		2349	57.92	-16.08	74	51.8	27.31	8.34	30.3	281	181	P	H
		2349	53	-1	54	46.88	27.31	8.34	30.3	281	181	A	H
		4824	59.61	-14.39	74	41.87	32.45	13.23	29.72	183	95	P	H
		4824	52.64	-1.36	54	34.9	32.45	13.23	29.72	183	95	A	H
		4950	58.56	-15.44	74	40.28	32.7	13.47	29.71	100	0	P	H
		4950	47.37	-6.63	54	29.09	32.7	13.47	29.71	100	0	A	H
		4960	58.3	-15.7	74	39.99	32.72	13.48	29.71	100	0	P	H
		4960	47.2	-6.8	54	28.89	32.72	13.48	29.71	100	0	A	H
		7425	49.14	-24.86	74	59.01	37.4	14.92	63.01	100	0	P	H
		7440	47.61	-26.39	74	57.41	37.42	14.96	63	100	0	P	H
		10360	49.77	-18.43	68.2	56.21	39.9	17.17	63.82	100	0	P	H
		15540	45.43	-28.57	74	48.26	37.9	21.12	62.24	100	0	P	H
		2344	55.73	-18.27	74	49.65	27.29	8.33	30.3	300	2	P	V
		2344	49.71	-4.29	54	43.63	27.29	8.33	30.3	300	2	A	V
		2349	54.79	-19.21	74	48.67	27.31	8.34	30.3	101	123	P	V
		2349	50	-4	54	43.88	27.31	8.34	30.3	101	123	A	V
		4824	58.8	-15.2	74	41.06	32.45	13.23	29.72	183	272	P	V
		4824	51.42	-2.58	54	33.68	32.45	13.23	29.72	183	272	A	V
		4950	57.76	-16.24	74	39.48	32.7	13.47	29.71	100	0	P	V
		4950	47.46	-6.54	54	29.18	32.7	13.47	29.71	100	0	A	V
		4960	57.39	-16.61	74	39.08	32.72	13.48	29.71	100	0	P	V
		4960	47.72	-6.28	54	29.41	32.72	13.48	29.71	100	0	A	V
		7425	49.91	-24.09	74	59.78	37.4	14.92	63.01	100	0	P	V
		7440	48.06	-25.94	74	57.86	37.42	14.96	63	100	0	P	V
		10360	47.74	-20.46	68.2	54.18	39.9	17.17	63.82	100	0	P	V
		15540	45.15	-28.85	74	47.98	37.9	21.12	62.24	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 6 Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch11		5147.42	56.21	-17.79	74	39.58	32.62	13.73	29.72	176	0	P	H
		5150	47.24	-6.76	54	30.62	32.62	13.72	29.72	176	0	A	H
	*	5180	108.09	-	-	91.59	32.58	13.64	29.72	176	0	P	H
	*	5180	100.08	-	-	83.58	32.58	13.64	29.72	176	0	A	H
		5148.72	64.12	-9.88	74	47.5	32.62	13.72	29.72	140	333	P	V
		5150	52.91	-1.09	54	36.29	32.62	13.72	29.72	140	333	P	V
	*	5180	114.39	-	-	97.89	32.58	13.64	29.72	140	333	P	V
	*	5180	106.39	-	-	89.89	32.58	13.64	29.72	140	333	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 6 Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch11		2390	60.35	-13.65	74	44.16	27.41	19.06	30.28	298	171	P	H
		2385.915	52.8	-1.2	54	36.63	27.4	19.05	30.28	298	171	A	H
	*	2412	120.18	-	-	103.91	27.47	19.08	30.28	298	171	P	H
	*	2412	117.17	-	-	100.9	27.47	19.08	30.28	298	171	A	H
		2386.125	59.6	-14.4	74	43.43	27.4	19.05	30.28	100	124	P	V
		2387.175	50.51	-3.49	54	34.33	27.41	19.05	30.28	100	124	A	V
	*	2412	114.8	-	-	98.53	27.47	19.08	30.28	100	124	P	V
	*	2412	111.6	-	-	95.33	27.47	19.08	30.28	100	124	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

BLE (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 6 Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch11	*	2480	105.75	-	-	89.27	27.65	19.09	30.26	229	310	P	H
	*	2480	105.24	-	-	88.76	27.65	19.09	30.26	229	310	A	H
		2484	58.63	-15.37	74	42.13	27.66	19.09	30.25	229	310	P	H
		2483.52	50.77	-3.23	54	34.27	27.66	19.09	30.25	229	310	A	H
	*	2480	104.3	-	-	87.82	27.65	19.09	30.26	226	269	P	V
	*	2480	103.24	-	-	86.76	27.65	19.09	30.26	226	269	P	V
		2487.8	56.82	-17.18	74	40.31	27.67	19.09	30.25	226	269	P	V
		2484.72	48.04	-5.96	54	31.54	27.66	19.09	30.25	226	269	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Zigbee (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 6 Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch11		2390	62.18	-11.82	74	45.99	27.41	19.06	30.28	251	47	P	H
		2390	53.15	-0.85	54	36.96	27.41	19.06	30.28	251	47	A	H
	*	2405	115.4	-	-	99.15	27.45	19.08	30.28	251	47	P	H
	*	2405	111.59	-	-	95.34	27.45	19.08	30.28	251	47	A	H
		2389.905	61.3	-12.7	74	45.11	27.41	19.06	30.28	218	63	P	V
		2389.905	52.36	-1.64	54	36.17	27.41	19.06	30.28	218	63	A	V
	*	2405	114.04	-	-	97.79	27.45	19.08	30.28	218	63	P	V
	*	2405	110.42	-	-	94.17	27.45	19.08	30.28	218	63	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz and Band 1 5150~5250MHz (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 6 Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch11		2344	56.68	-17.32	74	50.6	27.29	8.33	30.3	251	300	P	H
		2344	51.67	-2.33	54	45.59	27.29	8.33	30.3	251	300	A	H
		2390	62.18	-11.82	74	55.9	27.41	8.4	30.28	251	47	P	H
		2390	53.15	-0.85	54	46.87	27.41	8.4	30.28	251	47	A	H
		4810	57.53	-16.47	74	39.87	32.42	13.2	29.73	100	0	P	H
		4810	47.6	-6.4	54	29.94	32.42	13.2	29.73	100	0	A	H
		4824	59.7	-14.3	74	41.96	32.45	13.23	29.72	184	100	P	H
		4824	52.88	-1.12	54	35.14	32.45	13.23	29.72	184	100	A	H
		4960	57.42	-16.58	74	39.11	32.72	13.48	29.71	100	0	P	H
		4960	47.09	-6.91	54	28.78	32.72	13.48	29.71	100	0	A	H
		7440	49.18	-24.82	74	58.98	37.42	14.96	63	100	0	P	H
		10360	49.27	-18.93	68.2	55.71	39.9	17.17	63.82	100	0	P	H
		15540	46.71	-27.29	74	49.54	37.9	21.12	62.24	100	0	P	H
		2344	53.97	-20.03	74	47.89	27.29	8.33	30.3	298	1	P	V
		2344	48.58	-5.42	54	42.5	27.29	8.33	30.3	298	1	A	V
		2390	61.3	-12.7	74	55.02	27.41	8.4	30.28	218	63	P	V
		2390	52.36	-1.64	54	46.08	27.41	8.4	30.28	218	63	A	V
		4810	57.97	-16.03	74	40.31	32.42	13.2	29.73	100	0	P	V
		4810	47.88	-6.12	54	30.22	32.42	13.2	29.73	100	0	A	V
		4824	58.32	-15.68	74	40.58	32.45	13.23	29.72	183	179	P	V
		4824	52.29	-1.71	54	34.55	32.45	13.23	29.72	183	179	A	V
		4960	57.17	-16.83	74	38.86	32.72	13.48	29.71	100	0	P	V
		4960	48.02	-5.98	54	29.71	32.72	13.48	29.71	100	0	A	V
		7440	48.71	-25.29	74	58.51	37.42	14.96	63	100	0	P	V
		10360	49.19	-19.01	68.2	55.63	39.9	17.17	63.82	100	0	P	V
		15540	47.35	-26.65	74	50.18	37.9	21.12	62.24	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 7 Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch17		5149.76	60.64	-13.36	74	44.02	32.62	13.72	29.72	190	3	P	H
		5150	49.21	-4.79	54	32.59	32.62	13.72	29.72	190	3	A	H
	*	5180	109.37	-	-	92.87	32.58	13.64	29.72	190	3	P	H
	*	5180	102.26	-	-	85.76	32.58	13.64	29.72	190	3	A	H
		5147.42	64.31	-9.69	74	47.68	32.62	13.73	29.72	138	329	P	V
		5150	53.23	-0.77	54	36.61	32.62	13.72	29.72	138	329	A	V
	*	5180	114.88	-	-	98.38	32.58	13.64	29.72	138	329	P	V
	*	5180	107.7	-	-	91.2	32.58	13.64	29.72	138	329	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 7 Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch17		2390	58.09	-15.91	74	41.9	27.41	19.06	30.28	294	168	P	H
		2389.065	52.12	-1.88	54	35.94	27.41	19.05	30.28	294	168	A	H
	*	2412	116.8	-	-	100.53	27.47	19.08	30.28	294	168	P	H
	*	2412	113.82	-	-	97.55	27.47	19.08	30.28	294	168	A	H
		2390	58.26	-15.74	74	42.07	27.41	19.06	30.28	122	122	P	V
		2389.275	52.05	-1.95	54	35.87	27.41	19.05	30.28	122	122	A	V
	*	2412	111.4	-	-	95.13	27.47	19.08	30.28	122	122	P	V
	*	2412	108.38	-	-	92.11	27.47	19.08	30.28	122	122	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

BLE (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 7 Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch17	*	2480	105.84	-	-	89.36	27.65	19.09	30.26	247	310	P	H
	*	2480	105.29	-	-	88.81	27.65	19.09	30.26	247	310	P	H
		2485.16	57.63	-16.37	74	41.13	27.66	19.09	30.25	247	310	P	H
		2484.2	48.41	-5.59	54	31.91	27.66	19.09	30.25	247	310	A	H
	*	2480	104.67	-	-	88.19	27.65	19.09	30.26	210	263	P	V
	*	2480	104.17	-	-	87.69	27.65	19.09	30.26	210	263	P	V
		2484.92	57.88	-16.12	74	41.38	27.66	19.09	30.25	210	263	P	V
		2484.04	47.63	-6.37	54	31.13	27.66	19.09	30.25	210	263	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Zigbee (Band Edge @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 7		2389.52	61.56	-12.44	74	45.38	27.41	19.05	30.28	187	42	P	H
Ant 0+1		2388.96	52.6	-1.4	54	36.42	27.41	19.05	30.28	187	42	A	H
11b Ch1	*	2435	115.61	-	-	99.27	27.53	19.08	30.27	187	42	P	H
+	*	2435	113.46	-	-	97.12	27.53	19.08	30.27	187	42	A	H
Ant 2		2494.47	57.95	-16.05	74	41.41	27.69	19.1	30.25	187	42	P	H
11a Ch36		2483.5	45.53	-8.47	54	29.03	27.66	19.09	30.25	187	42	A	H
+		2389.38	61.19	-12.81	74	45.01	27.41	19.05	30.28	104	60	P	V
Ant 2		2389.1	52.21	-1.79	54	36.03	27.41	19.05	30.28	104	60	A	V
BLE 1M Ch39	*	2435	114.16	-	-	97.82	27.53	19.08	30.27	104	60	P	V
+	*	2435	111.98	-	-	95.64	27.53	19.08	30.27	104	60	A	V
Ant 3		2490.41	56.9	-17.1	74	40.38	27.68	19.09	30.25	104	60	P	V
Zigbee Ch17		2486.49	45.11	-8.89	54	28.61	27.66	19.09	30.25	104	60	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz and Band 1 5150~5250MHz (Harmonic @ 3m)

Ant. Simultaneously	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
Mode 7 Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch17		2344	55.61	-18.39	74	49.53	27.29	8.33	30.3	300	299	P	H
		2344	51.41	-2.59	54	45.33	27.29	8.33	30.3	300	299	A	H
		2389	62.04	-11.96	74	55.77	27.41	8.39	30.28	115	143	P	H
		2389	52.75	-1.25	54	46.48	27.41	8.39	30.28	115	143	A	H
		4824	57.78	-16.22	74	40.04	32.45	13.23	29.72	183	104	P	H
		4824	50.35	-3.65	54	32.61	32.45	13.23	29.72	183	104	A	H
		4870	58.52	-15.48	74	40.6	32.54	13.31	29.72	100	150	P	H
		4870	47.34	-6.66	54	29.42	32.54	13.31	29.72	100	150	A	H
		4960	58.02	-15.98	74	39.71	32.72	13.48	29.71	100	0	P	H
		4960	47.05	-6.95	54	28.74	32.72	13.48	29.71	100	0	A	H
		7305	49.92	-24.08	74	59.97	37.23	14.87	63.05	100	0	P	H
		7440	47.77	-26.23	74	57.57	37.42	14.96	63	100	0	P	H
		10360	48.29	-19.91	68.2	54.73	39.9	17.17	63.82	100	0	P	H
		15540	44.95	-29.05	74	47.78	37.9	21.12	62.24	100	0	P	H
		2344	53.8	-20.2	74	47.72	27.29	8.33	30.3	370	0	P	V
		2344	49.84	-4.16	54	43.76	27.29	8.33	30.3	370	0	A	V
		2389	60.77	-13.23	74	54.5	27.41	8.39	30.28	101	60	P	V
		2389	50.87	-3.13	54	44.6	27.41	8.39	30.28	101	60	A	V
		4824	57.52	-16.48	74	39.78	32.45	13.23	29.72	183	272	P	V
		4824	47.76	-6.24	54	30.02	32.45	13.23	29.72	183	272	A	V
		4870	60.02	-13.98	74	42.1	32.54	13.31	29.72	181	99	P	V
		4870	50.72	-3.28	54	32.8	32.54	13.31	29.72	181	99	A	V
		4960	57.86	-16.14	74	39.55	32.72	13.48	29.71	100	0	P	V
		4960	47.03	-6.97	54	28.72	32.72	13.48	29.71	100	0	A	V
		7305	49.69	-24.31	74	59.74	37.23	14.87	63.05	100	0	P	V
		7440	47.75	-26.25	74	57.55	37.42	14.96	63	100	0	P	V
		10360	48.05	-20.15	68.2	54.49	39.9	17.17	63.82	100	0	P	V
		15540	45.02	-28.98	74	47.85	37.9	21.12	62.24	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

2.4GHz 2400~2483.5MHz and Band 1 5150~5250MHz (LF)

	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
Simultaneously		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
Mode 5 Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25		196.84	29.68	-13.82	43.5	45.35	14.94	1.74	32.35	-	-	P	H
		215.27	30.05	-13.45	43.5	45.3	15.19	1.92	32.36	-	-	P	H
		307.42	31.42	-14.58	46	41.98	19.33	2.55	32.44	-	-	P	H
		346.22	35.19	-10.81	46	44.57	20.29	2.79	32.46	100	0	P	H
		770.11	31.29	-14.71	46	31.04	28.21	4.45	32.41	-	-	P	H
		894.27	34.73	-11.27	46	32.89	29.01	4.65	31.82	-	-	P	H
		32.91	28.15	-11.85	40	37.28	23.05	0.27	32.45	-	-	P	V
		191.99	30.51	-12.99	43.5	46.29	14.86	1.71	32.35	-	-	P	V
		347.19	32.2	-13.8	46	41.54	20.32	2.8	32.46	-	-	P	V
		518.88	29.86	-16.14	46	35.09	23.97	3.4	32.6	-	-	P	V
		836.07	31.29	-14.71	46	30.07	28.8	4.57	32.15	-	-	P	V
		894.27	36.17	-9.83	46	34.33	29.01	4.65	31.82	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Note symbol

*	**Fundamental Frequency** which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is **over limit** line.
P/A	**P**eak or **A**verage
H/V	**H**orizontal or **V**ertical

A calculation example for radiated spurious emission is shown as below:

Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
Simultaneously		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is "PASS".

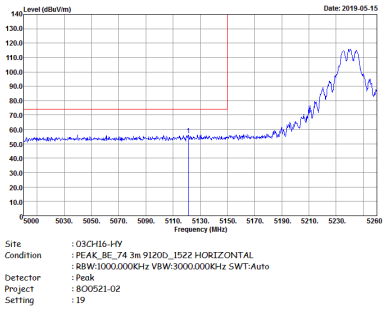
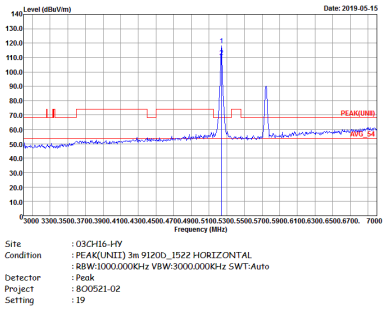
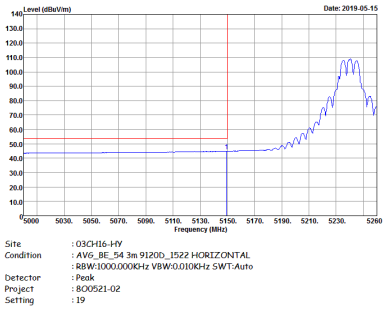
Appendix B. Radiated Spurious Emission

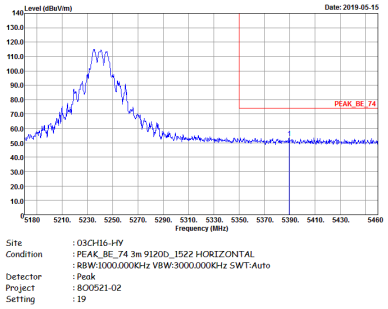
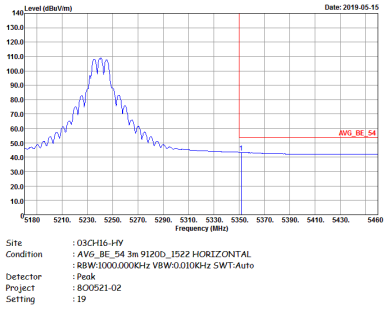
Test Engineer :	Jacky Hung, Austin Li, and CR Liao	**Temperature :**	20~25°C
		Relative Humidity :	55~60%

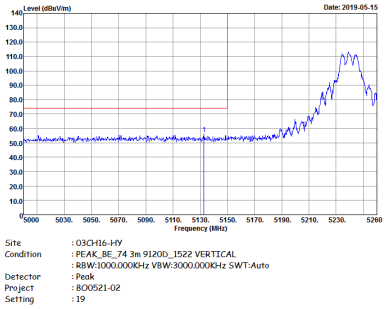
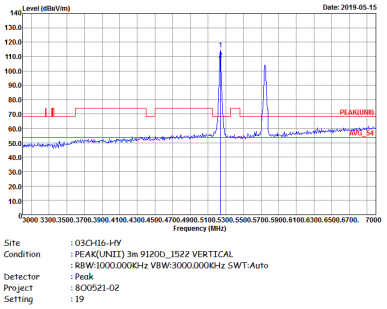
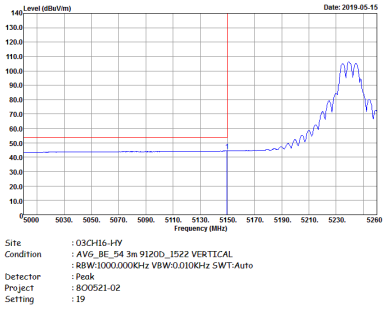
Note symbol

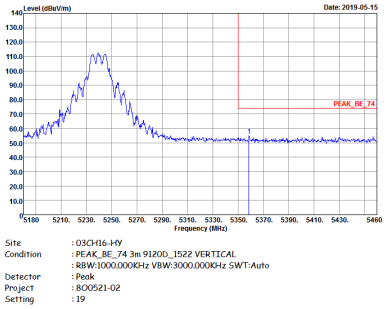
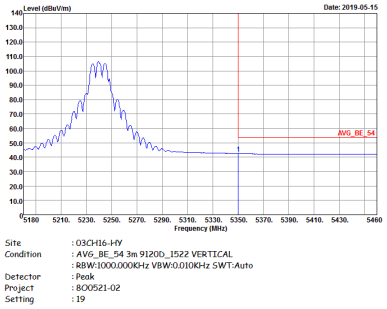
-L	**Low channel location**
-R	**High channel location**

Band 1 5150~5250MHz (Band Edge @ 3m)

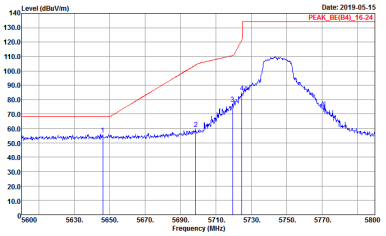
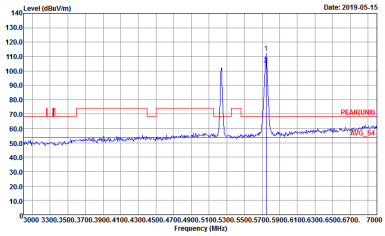
ANT	Mode 1: Ant 0+1 11a Ch48 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		Left blank

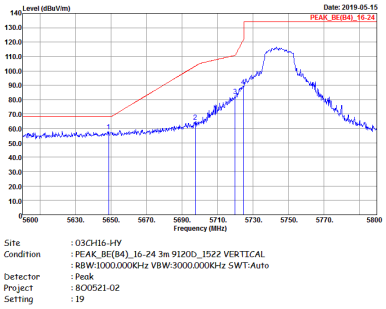
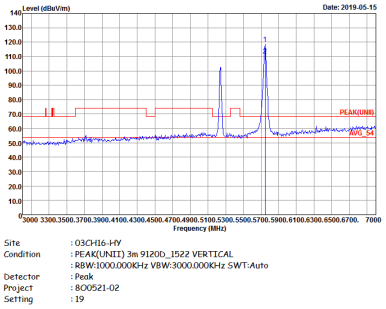
ANT	Mode 1: Ant 0+1 11a Ch48 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	**Horizontal**	**Fundamental**
Peak		Left blank
Avg.		Left blank

ANT	Mode 1: Ant 0+1 11a Ch48 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	**Vertical**	**Fundamental**
Peak		
Avg.		Left blank

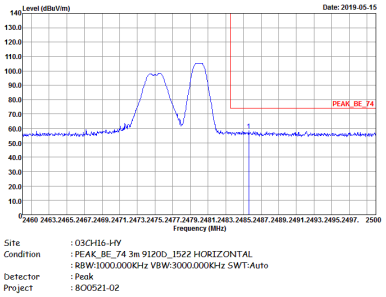
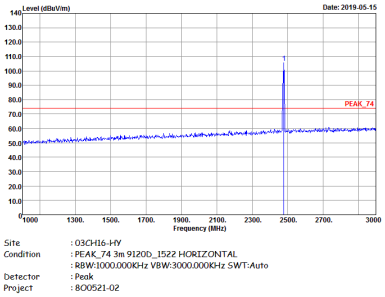
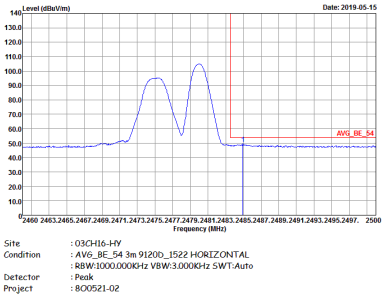
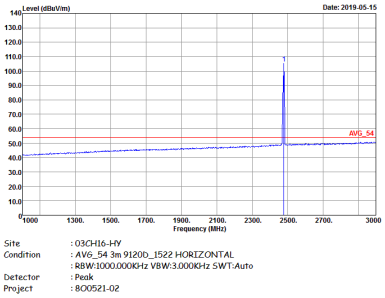
ANT	Mode 1: Ant 0+1 11a Ch48 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	**Vertical**	**Fundamental**
Peak		Left blank
Avg.		Left blank

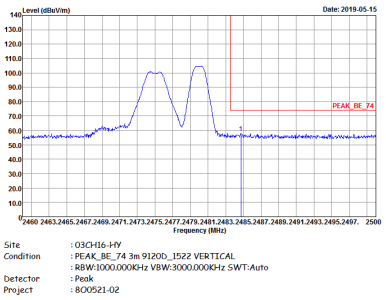
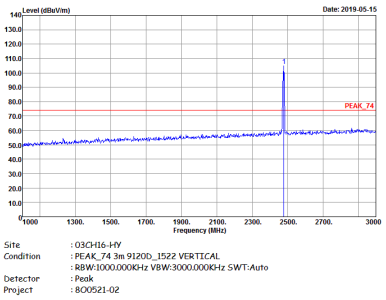
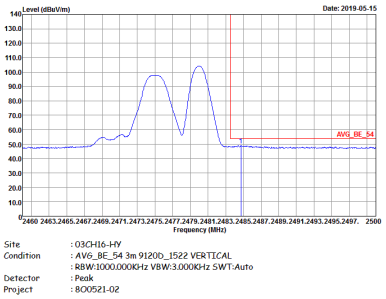
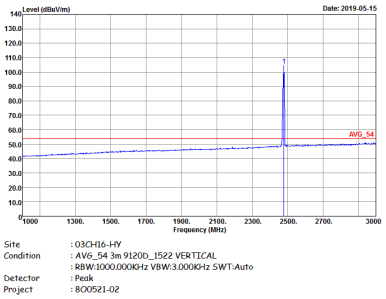
Band 4 5725~5850MHz (Band Edge @ 3m)

ANT	Mode 1: Ant 0+1 11a Ch48 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Horizontal	Fundamental
Peak		

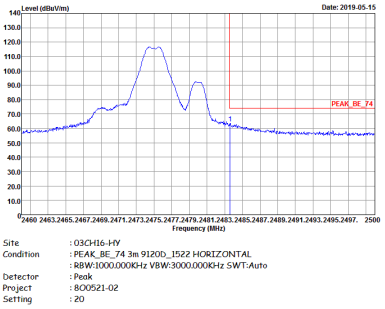
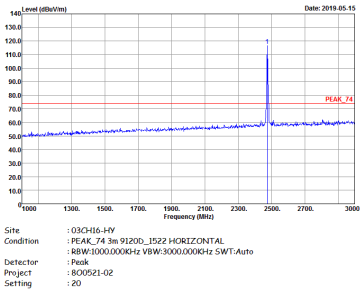
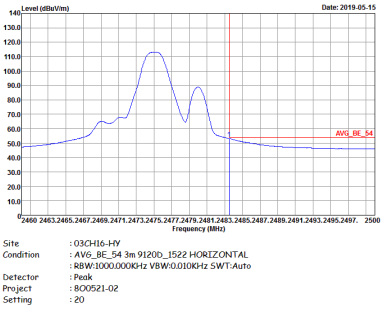
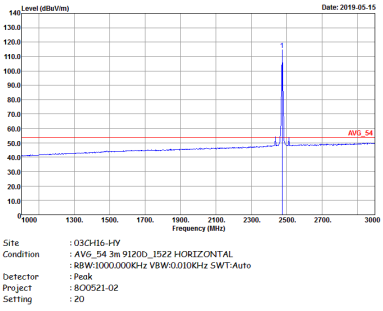
ANT	Mode 1: Ant 0+1 11a Ch48 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Vertical	Fundamental
Peak		

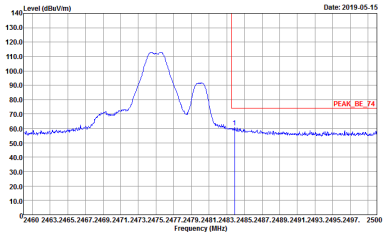
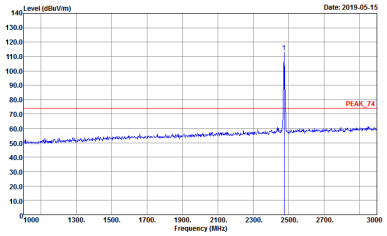
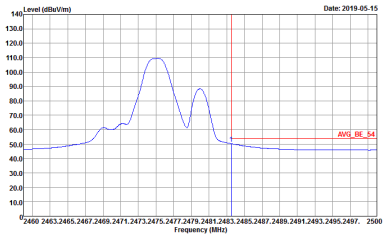
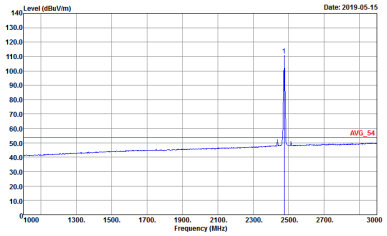
BLE (Band Edge @ 3m)

ANT	Mode 1: Ant 0+1 11a Ch48 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

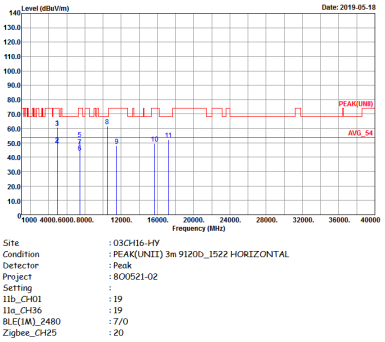
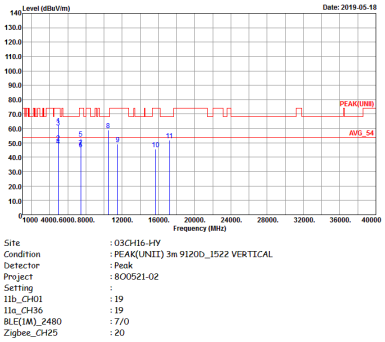
ANT	Mode 1: Ant 0+1 11a Ch48 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8O0521-02	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8O0521-02

Zigbee (Band Edge @ 3m)

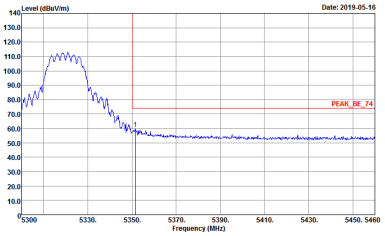
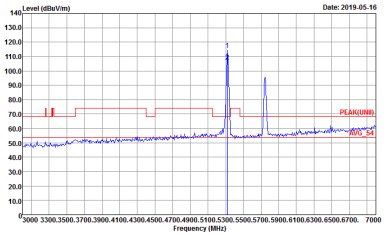
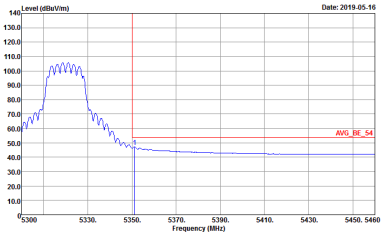
ANT	Mode 1: Ant 0+1 11a Ch48 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

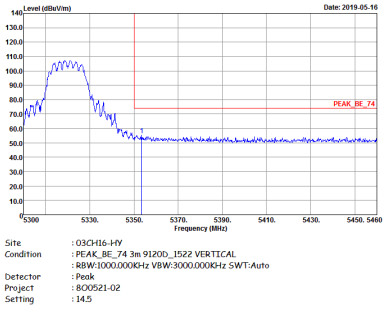
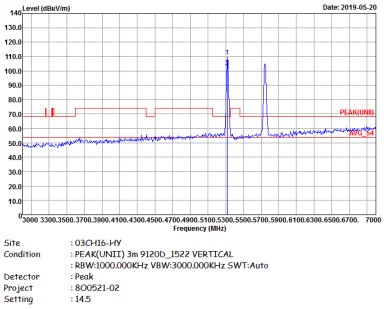
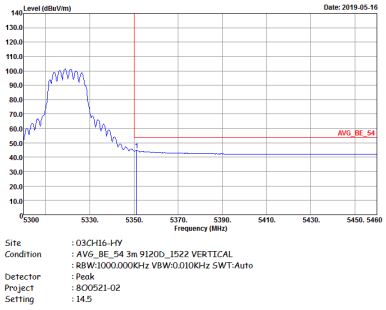
ANT	Mode 1: Ant 0+1 11a Ch48 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 20	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 20
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 20	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 20

2.4GHz 2400~2483.5MHz, Band 1 5150~5250MHz, Band 4 5725~5850MHz (Harmonic @ 3m)

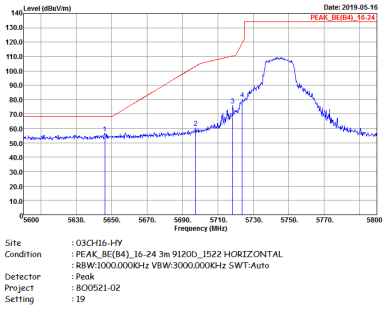
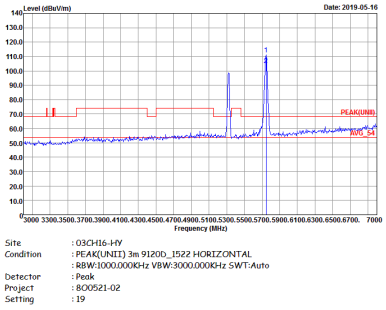
ANT	Mode 1: Ant 0+1 11a Ch48 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_1522 HORIZONTAL Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 19 11a_CH36 : 19 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 20	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_1522 VERTICAL Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 19 11a_CH36 : 19 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 20

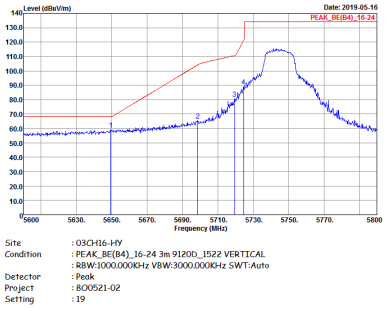
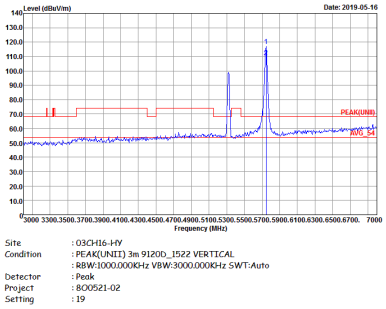
Band 2 5250~5350MHz (Band Edge @ 3m)

ANT	Mode 2: Ant 0+1 11a Ch64 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 14.5	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 14.5
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 14.5	Left blank

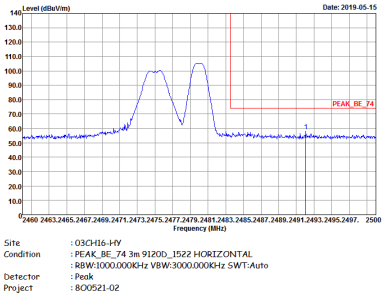
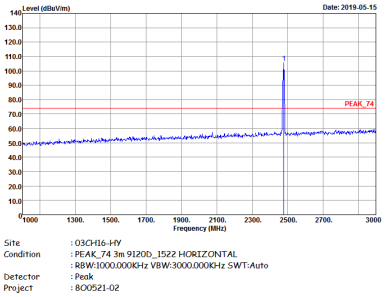
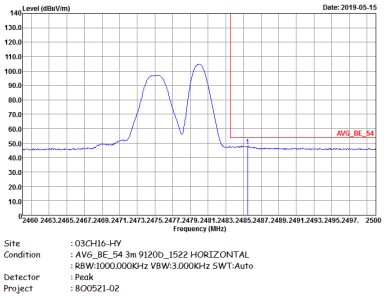
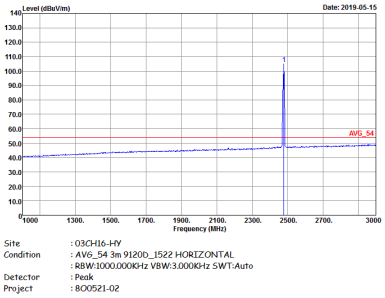
ANT	Mode 2: Ant 0+1 11a Ch64 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	**Vertical**	**Fundamental**
Peak		
Avg.		Left blank

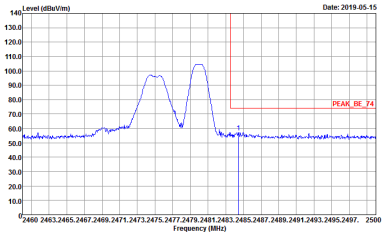
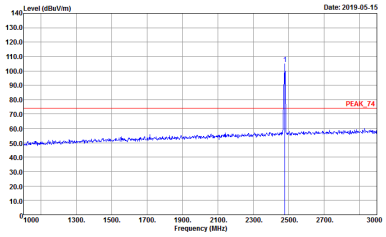
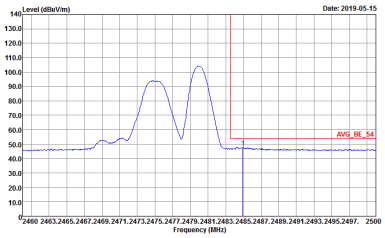
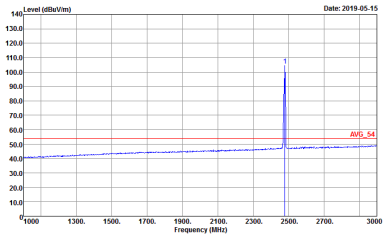
Band 4 5725~5850MHz (Band Edge @ 3m)

ANT	Mode 2: Ant 0+1 11a Ch64 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Horizontal	Fundamental
Peak		

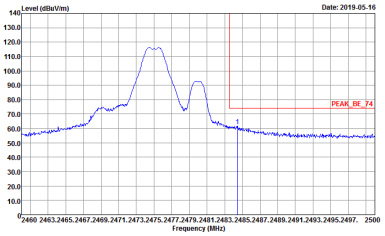
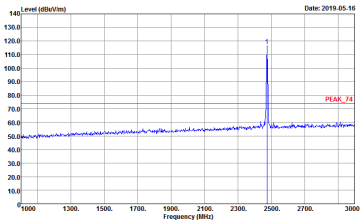
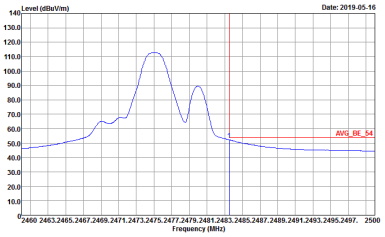
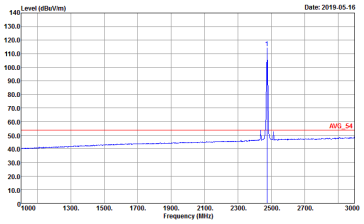
ANT	Mode 2: Ant 0+1 11a Ch64 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Vertical	Fundamental
Peak		

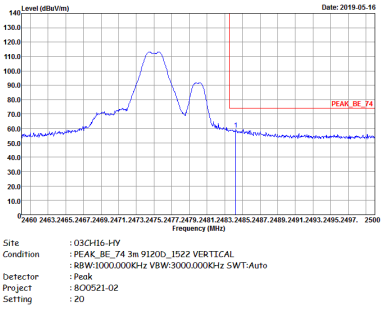
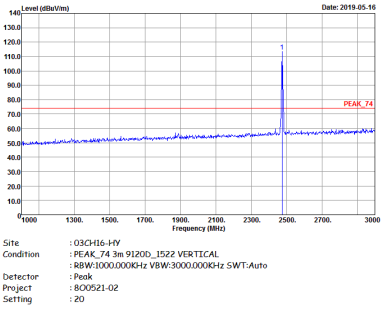
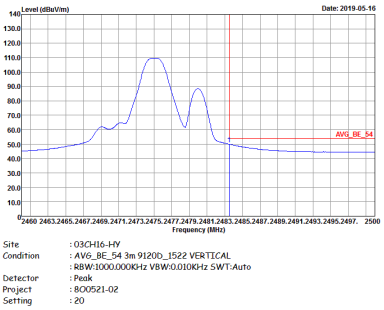
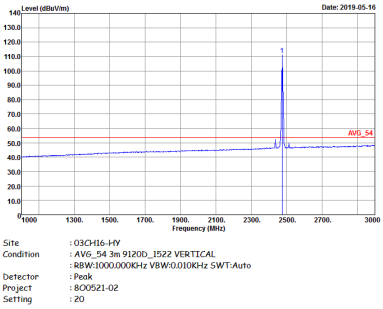
BLE (Band Edge @ 3m)

ANT	Mode 2: Ant 0+1 11a Ch64 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

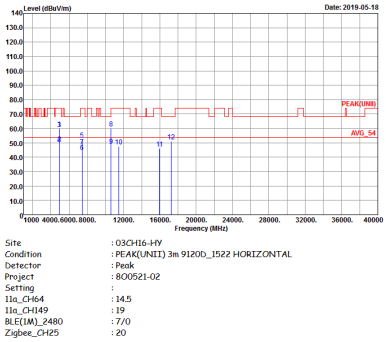
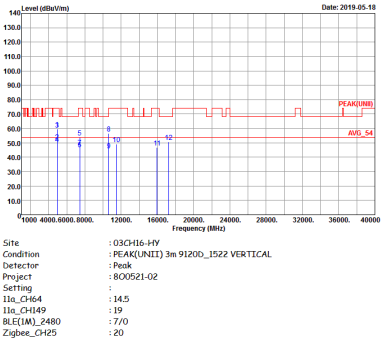
ANT	Mode 2: Ant 0+1 11a Ch64 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8O0521-02	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8O0521-02

Zigbee (Band Edge @ 3m)

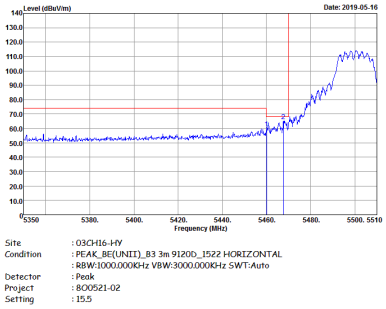
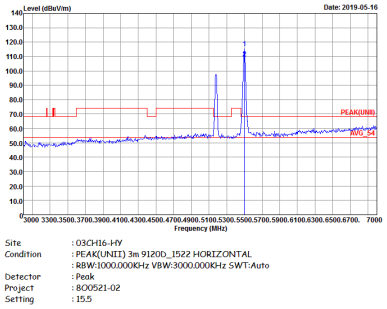
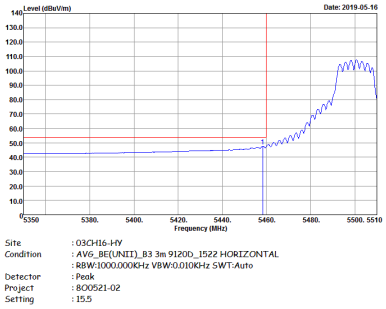
ANT	Mode 2: Ant 0+1 11a Ch64 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 800521-02 Setting : 20	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 800521-02 Setting : 20
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 800521-02 Setting : 20	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 800521-02 Setting : 20

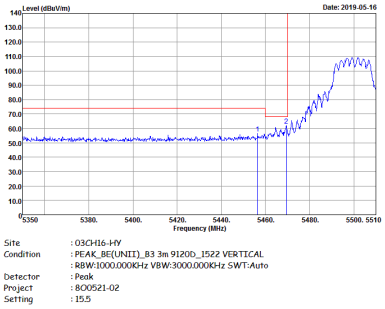
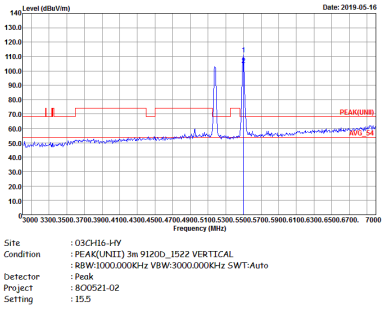
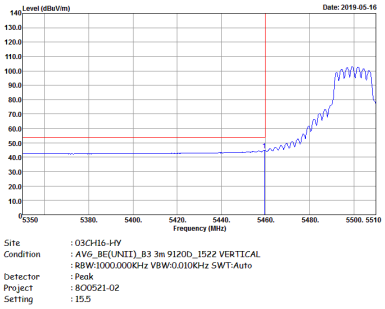
ANT	Mode 2: Ant 0+1 11a Ch64 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : BO0521-02 Setting : 20	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : BO0521-02 Setting : 20
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : BO0521-02 Setting : 20	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : BO0521-02 Setting : 20

2.4GHz 2400~2483.5MHz, Band 2 5250~5350MHz, Band 4 5725~5850MHz (Harmonic @ 3m)

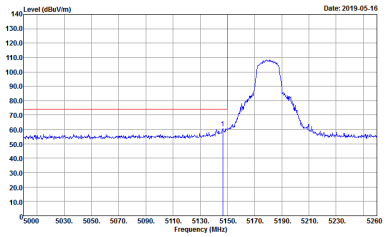
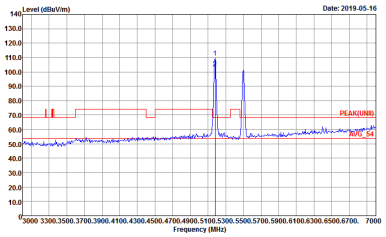
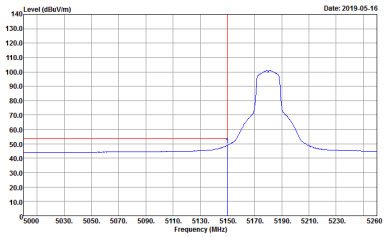
ANT	Mode 2: Ant 0+1 11a Ch64 + Ant 2 11a Ch149 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_1522 HORIZONTAL Detector : Peak Project : 800521-02 Setting : 11a_CH64 : 14.5 11a_CH149 : 19 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 20	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_1522 VERTICAL Detector : Peak Project : 800521-02 Setting : 11a_CH64 : 14.5 11a_CH149 : 19 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 20

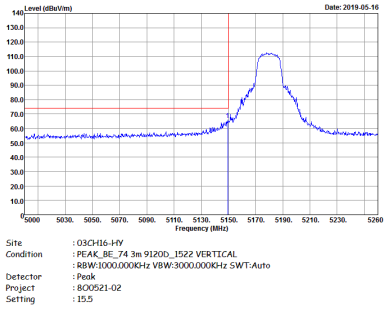
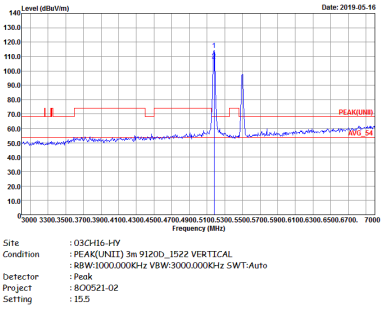
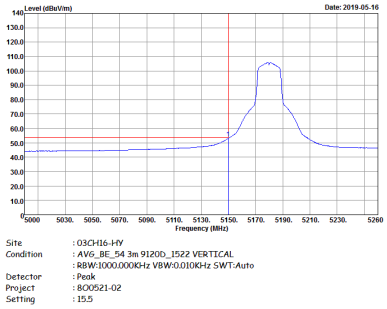
Band 3 5470~5725MHz (Band Edge @ 3m)

ANT	Mode 3: Ant 0+1 11a Ch100 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		Left blank

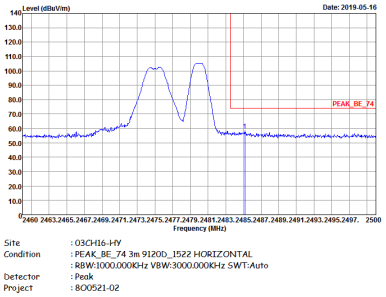
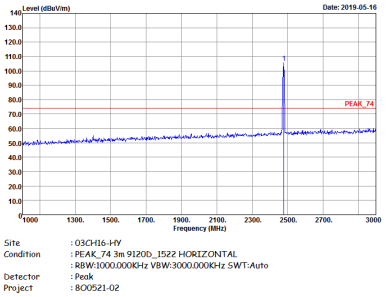
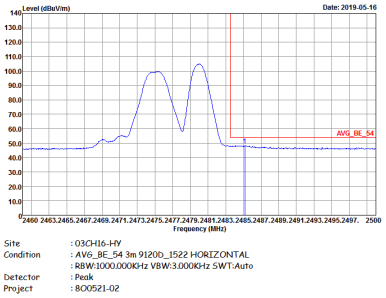
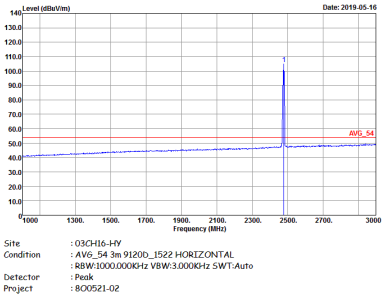
ANT	Mode 3: Ant 0+1 11a Ch100 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	**Vertical**	**Fundamental**
Peak		
Avg.		Left blank

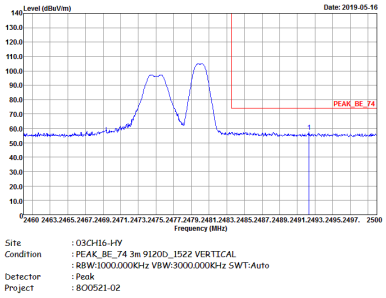
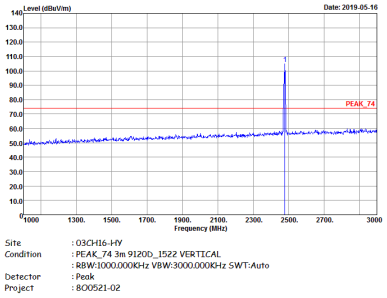
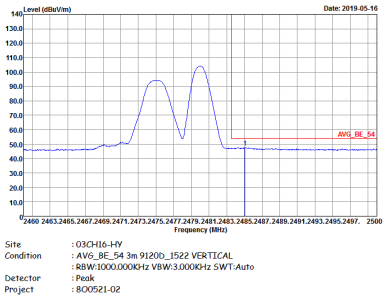
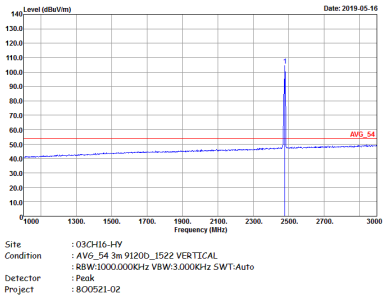
Band 1 5150~5250MHz (Band Edge @ 3m)

ANT	Mode 3: Ant 0+1 11a Ch100 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		Left blank

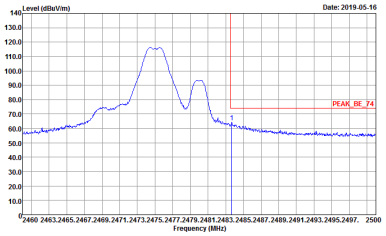
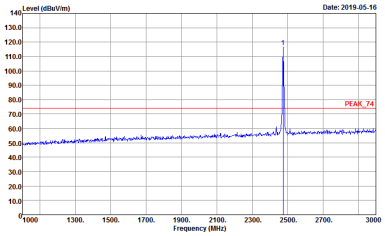
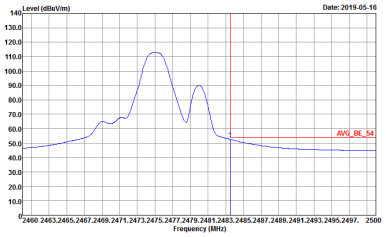
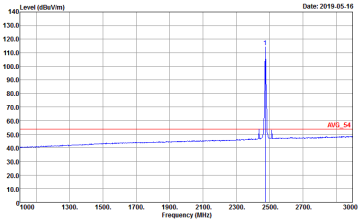
ANT	Mode 3: Ant 0+1 11a Ch100 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	**Vertical**	**Fundamental**
Peak		
Avg.		Left blank

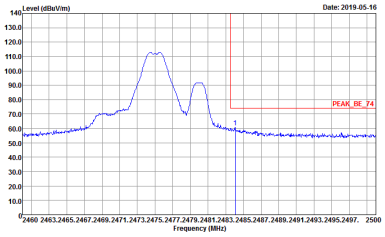
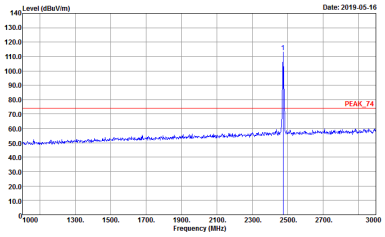
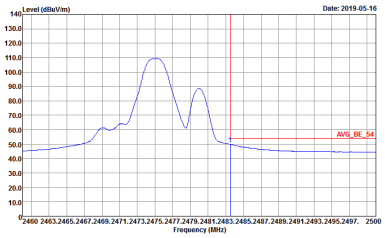
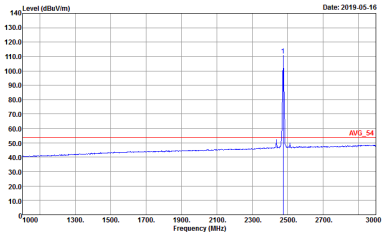
BLE (Band Edge @ 3m)

ANT	Mode 3: Ant 0+1 11a Ch100 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8O0521-02	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8O0521-02

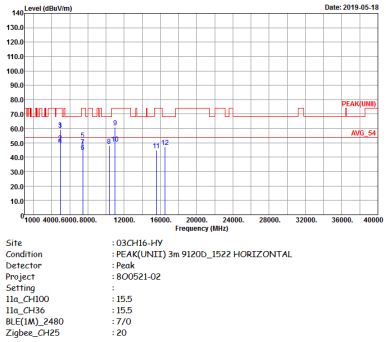
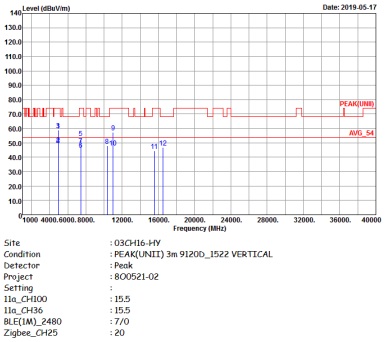
ANT	Mode 3: Ant 0+1 11a Ch100 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8O0521-02	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8O0521-02

Zigbee (Band Edge @ 3m)

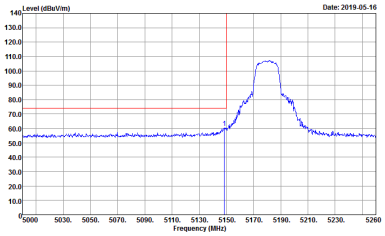
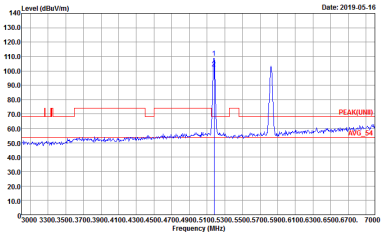
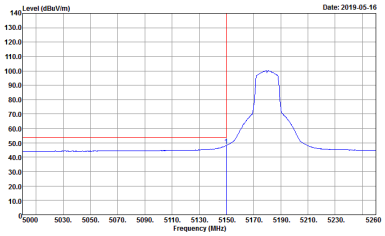
ANT	Mode 3: Ant 0+1 11a Ch100 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 20	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 20
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 20	Left blank  Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 20

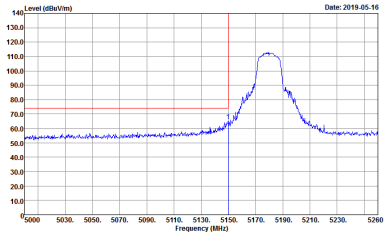
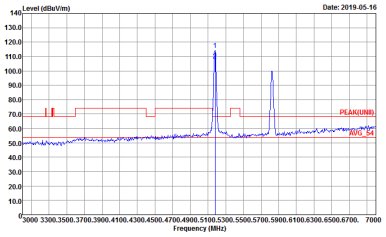
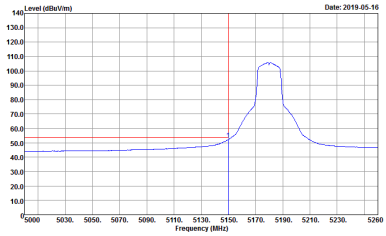
ANT	Mode 3: Ant 0+1 11a Ch100 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	**Vertical**	**Fundamental**
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 20	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 20
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 20	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 20

2.4GHz 2400~2483.5MHz, Band 1 5150~5250MHz, Band 3 5470~5725MHz (Harmonic @ 3m)

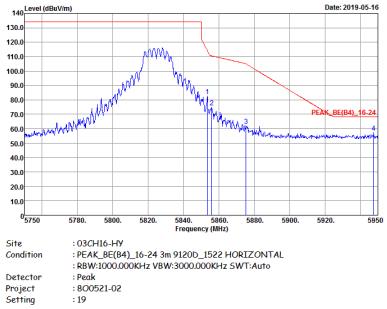
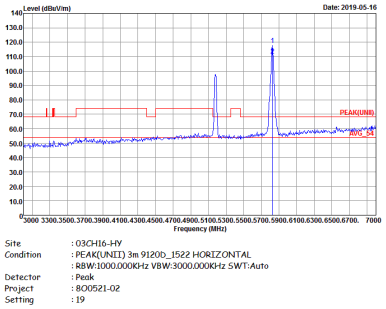
ANT	Mode 3: Ant 0+1 11a Ch100 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_1522 HORIZONTAL Detector : Peak Project : 8O0521-02 Setting : 11a_CH100 : 15.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 20	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_1522 VERTICAL Detector : Peak Project : 8O0521-02 Setting : 11a_CH100 : 15.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 20

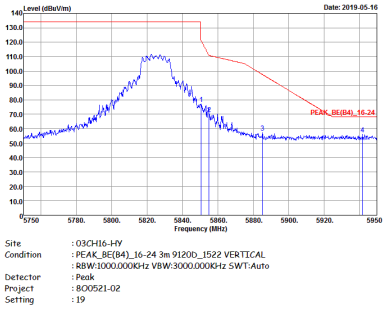
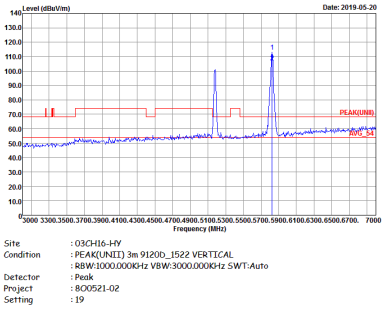
Band 1 5150~5250MHz (Band Edge @ 3m)

ANT	Mode 4: Ant 0+1 11a Ch165 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	**Horizontal**	**Fundamental**
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 15.5	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 15.5
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 15.5	Left blank

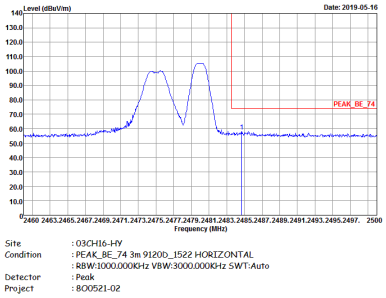
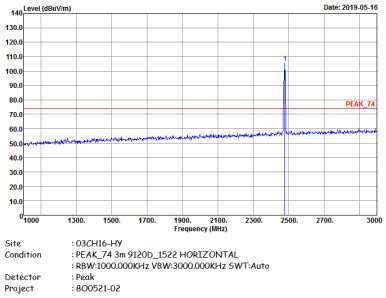
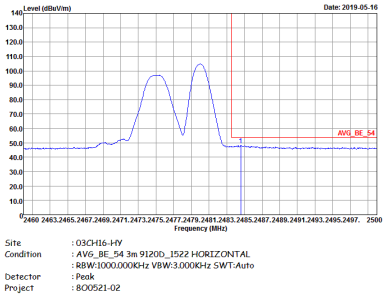
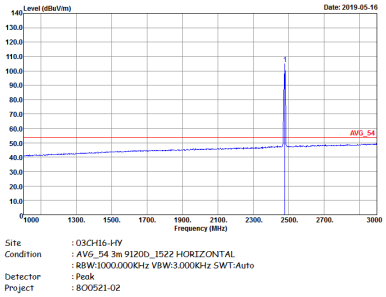
ANT	Mode 4: Ant 0+1 11a Ch165 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	**Vertical**	**Fundamental**
Peak		
Avg.		Left blank

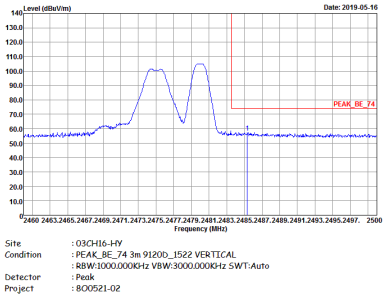
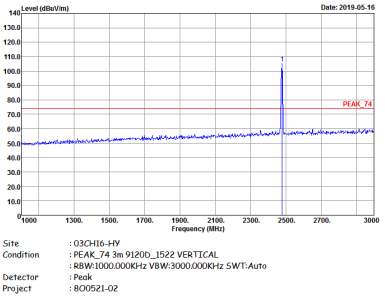
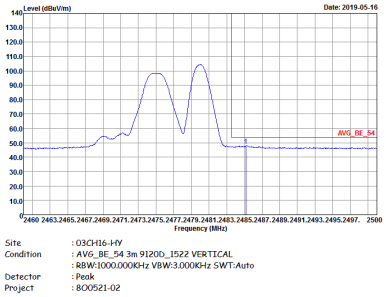
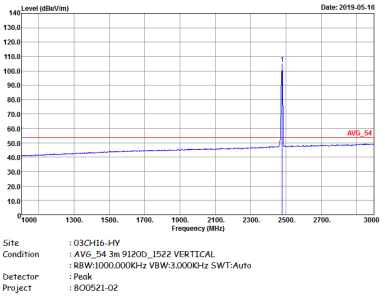
Band 4 5725~5850MHz (Band Edge @ 3m)

ANT	Mode 4: Ant 0+1 11a Ch165 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Horizontal	Fundamental
Peak		

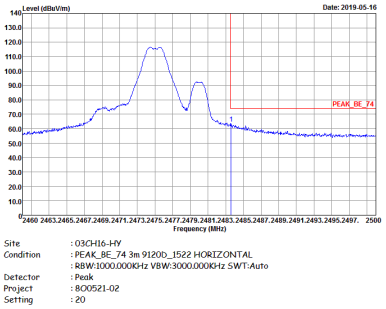
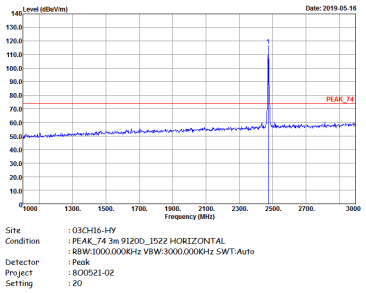
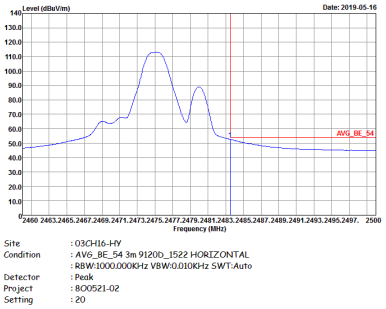
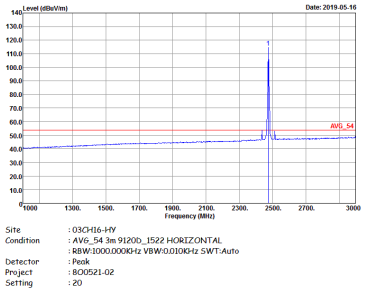
ANT	Mode 4: Ant 0+1 11a Ch165 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	**Vertical**	**Fundamental**
Peak		

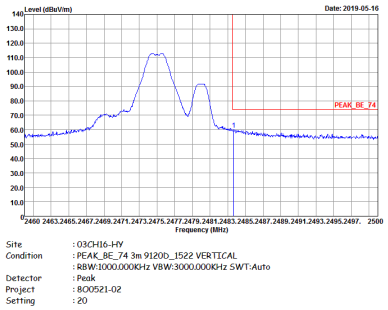
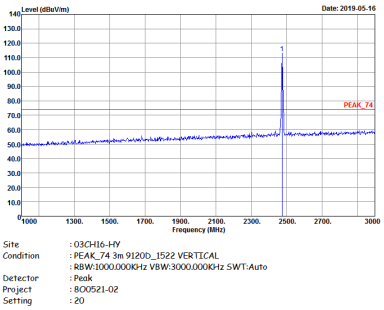
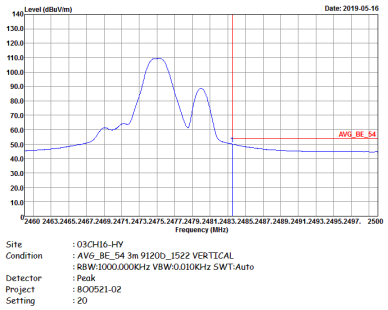
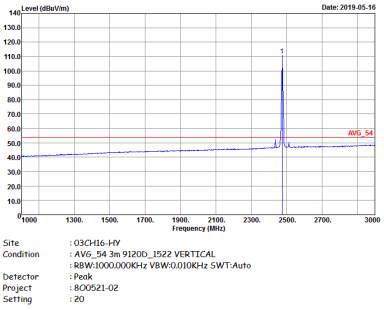
BLE (Band Edge @ 3m)

ANT	Mode 4: Ant 0+1 11a Ch165 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

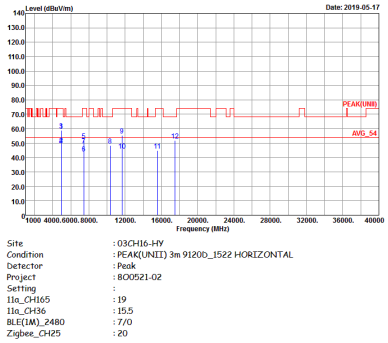
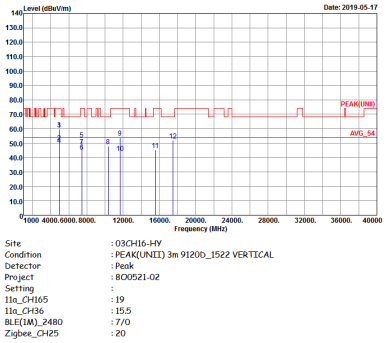
ANT	Mode 4: Ant 0+1 11a Ch165 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Vertical	Fundamental
Peak		
Avg.		

Zigbee (Band Edge @ 3m)

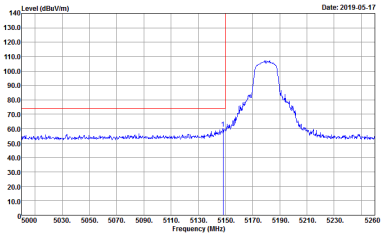
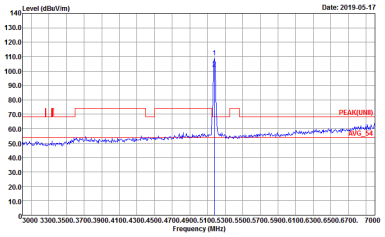
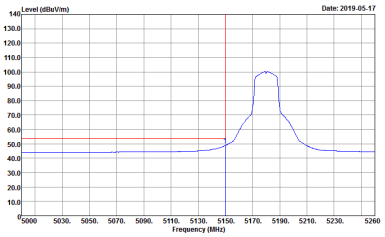
ANT	Mode 4: Ant 0+1 11a Ch165 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Horizontal	Fundamental
Peak		
Avg.		

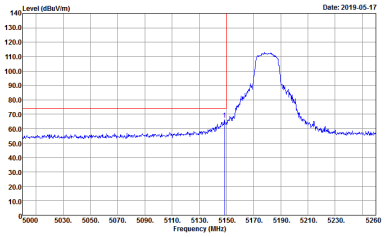
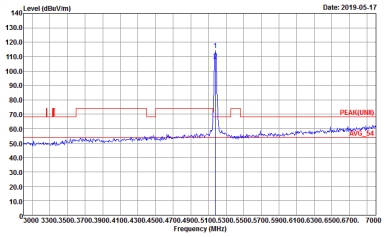
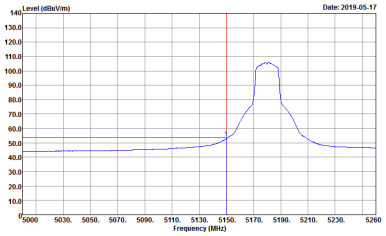
ANT	Mode 4: Ant 0+1 11a Ch165 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	**Vertical**	**Fundamental**
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 20	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 20
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 20	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 20

2.4GHz 2400~2483.5MHz, Band 1 5150~5250MHz, Band 4 5725~5850MHz (Harmonic @ 3m)

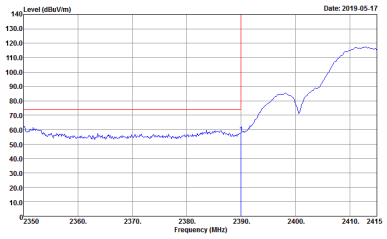
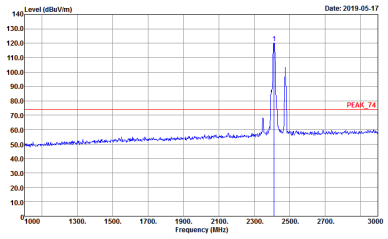
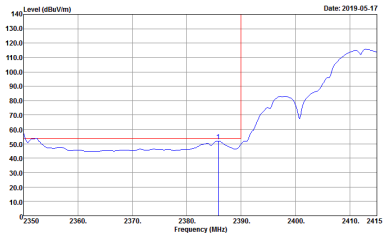
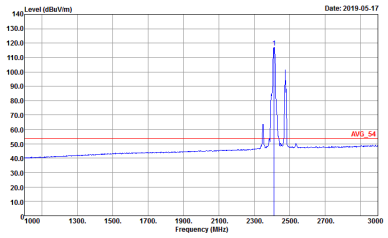
ANT	Mode 4: Ant 0+1 11a Ch165 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120b_1522 HORIZONTAL Detector : Peak Project : 8O0521-02 Setting : 11a_CH165 : 19 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 20	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120b_1522 VERTICAL Detector : Peak Project : 8O0521-02 Setting : 11a_CH165 : 19 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 20

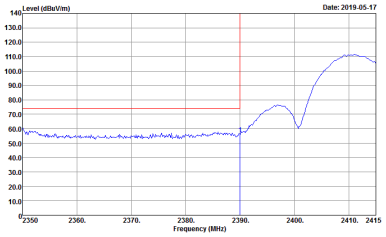
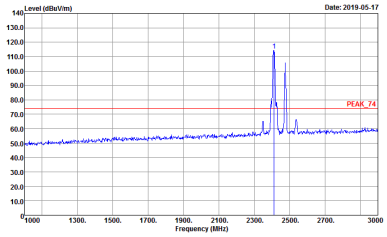
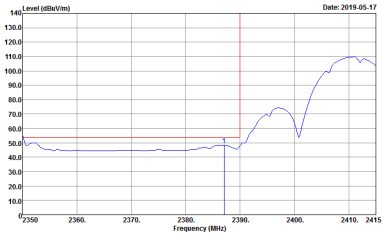
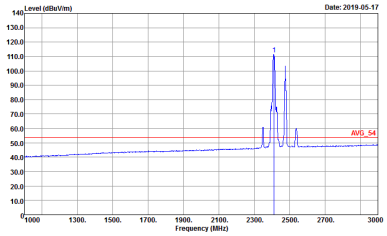
Band 1 5150~5250MHz (Band Edge @ 3m)

ANT	Mode 5: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 17	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 17
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 17	Left blank

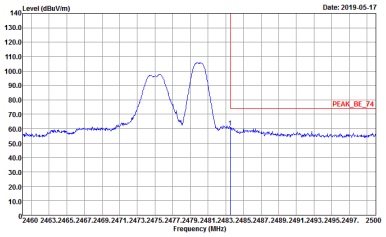
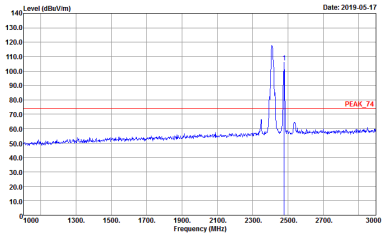
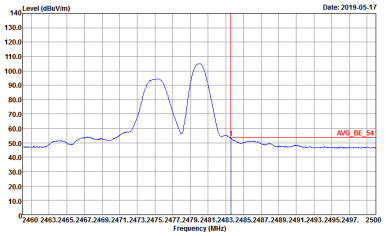
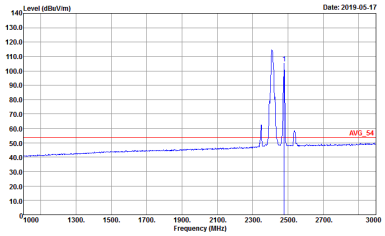
ANT	Mode 5: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 17	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 17
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 17	Left blank

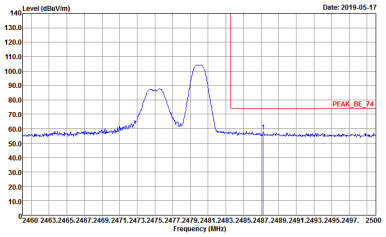
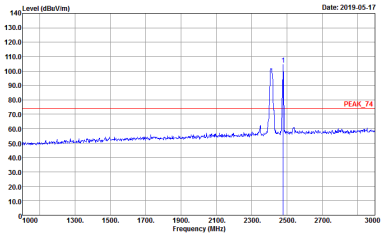
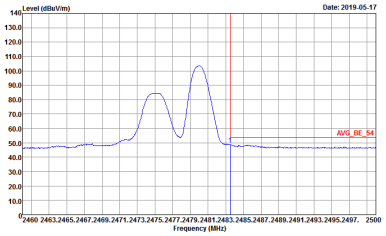
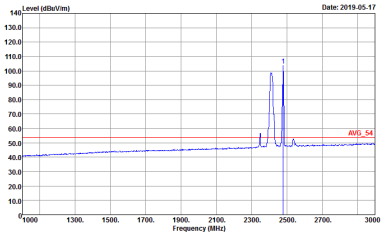
2.4GHz 2400~2483.5MHz (Band Edge @ 3m)

ANT	Mode 5: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH1 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 20	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH1 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 20
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH1 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 20	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH1 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 20

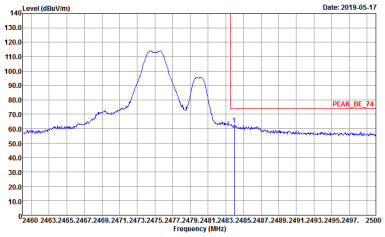
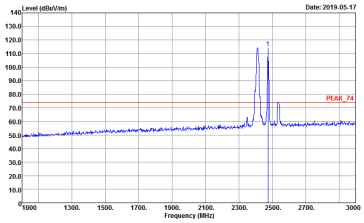
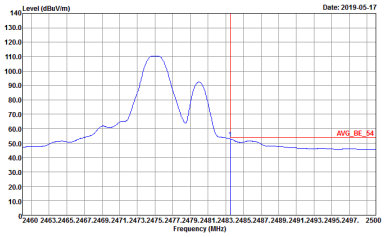
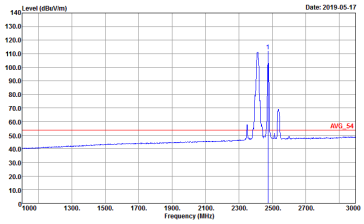
ANT	Mode 5: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH1 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 20	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH1 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 20
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH1 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 20	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH1 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 20

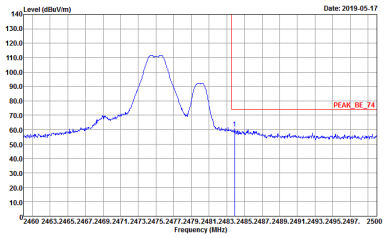
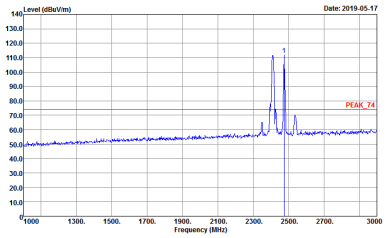
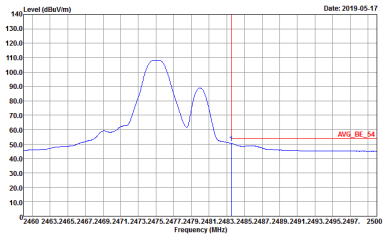
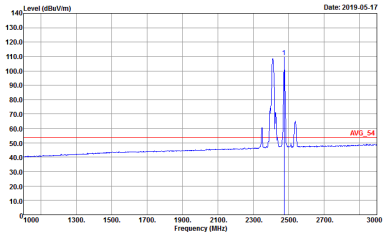
BLE (Band Edge @ 3m)

ANT	Mode 5: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 20	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 20
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 20	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 20

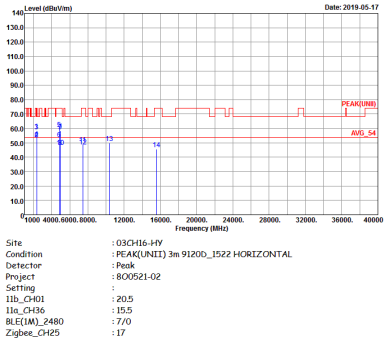
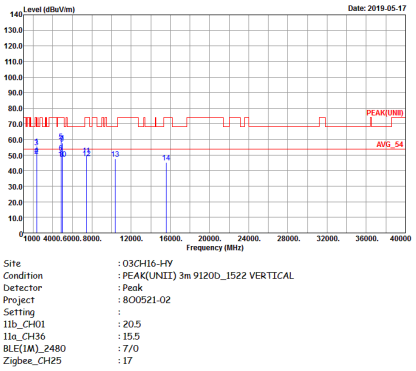
ANT	Mode 5: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 20	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 20
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 20	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 20

Zigbee (Band Edge @ 3m)

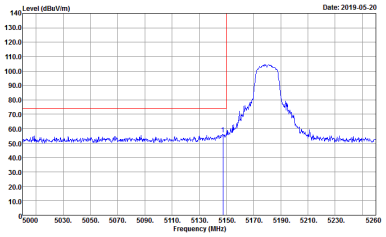
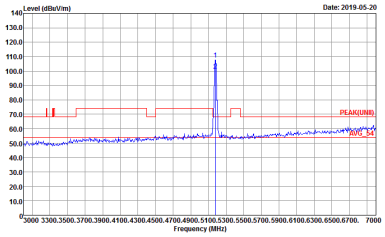
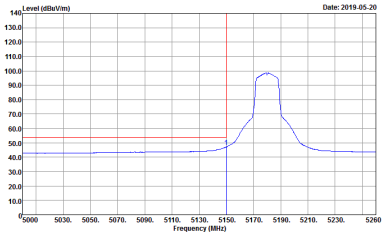
ANT	Mode 5: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 17	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 17
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 17	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 17

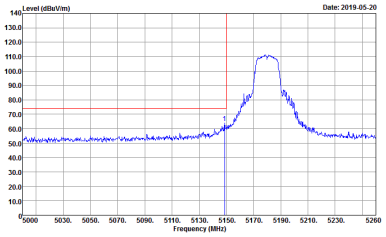
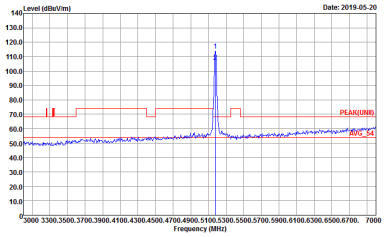
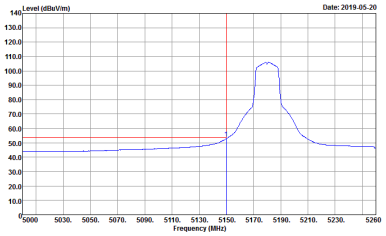
ANT	Mode 5: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 17	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 17
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 17	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH25 : 17

2.4GHz 2400~2483.5MHz and Band 1 5150~5250MHz (Harmonic @ 3m)

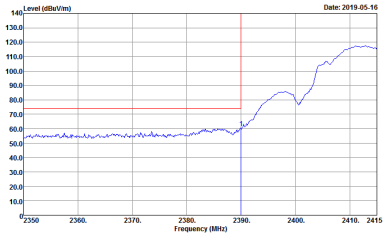
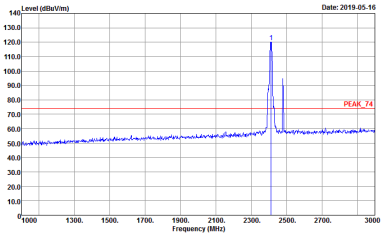
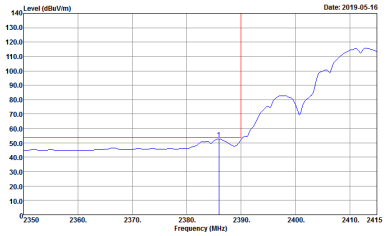
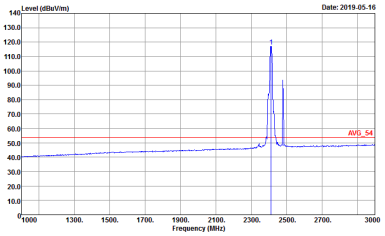
ANT	Mode 5: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Horizontal	Vertical
Peak Avg.		

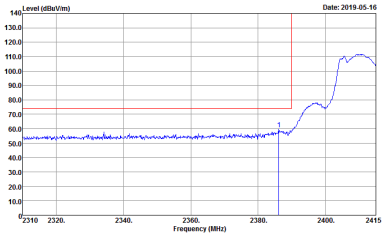
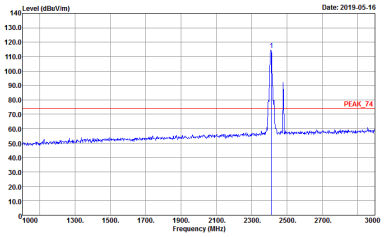
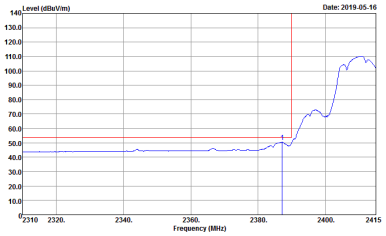
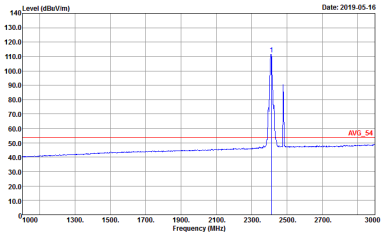
Band 1 5150~5250MHz (Band Edge @ 3m)

ANT	Mode 6: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch11	
Simultaneously	**Horizontal**	**Fundamental**
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 20	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 20
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 20	Left blank

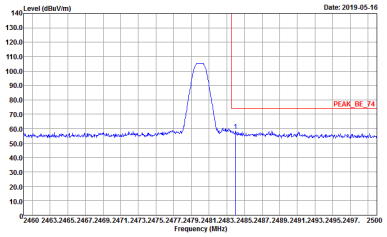
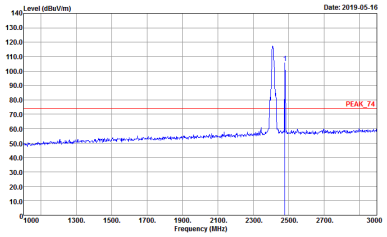
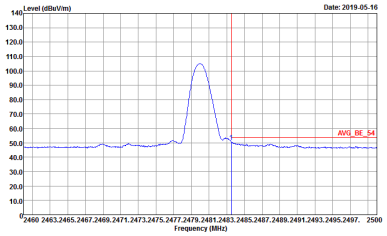
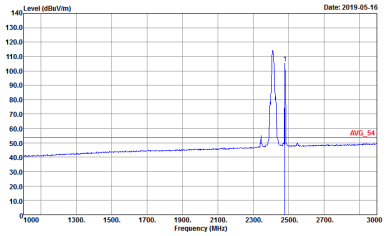
ANT	Mode 6: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch11	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 20	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 20
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 20	Left blank

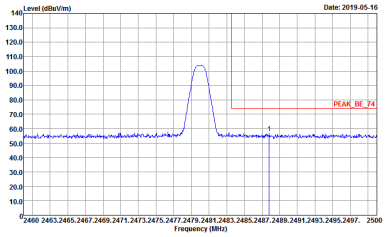
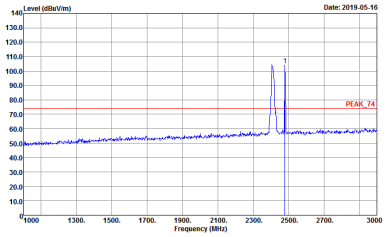
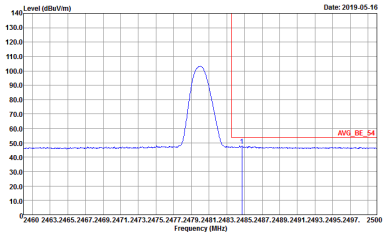
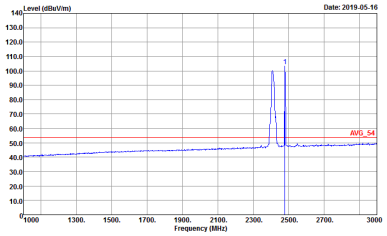
2.4GHz 2400~2483.5MHz (Band Edge @ 3m)

ANT	Mode 6: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch11	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH1 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 20	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH1 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 20
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH1 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 20	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH1 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 20

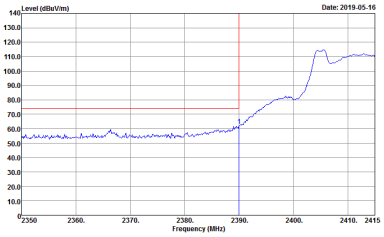
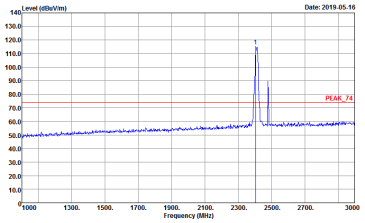
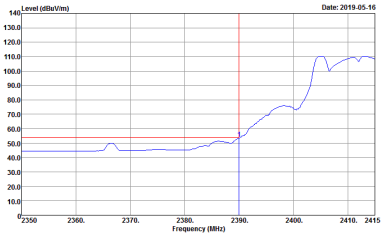
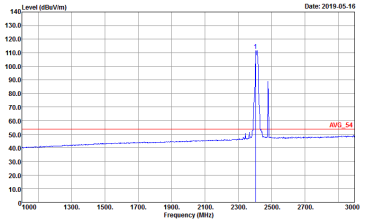
ANT	Mode 6: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch11	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH1 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 20	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH1 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 20
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH1 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 20	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH1 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 20

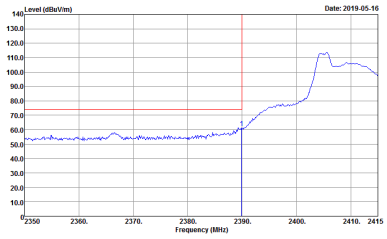
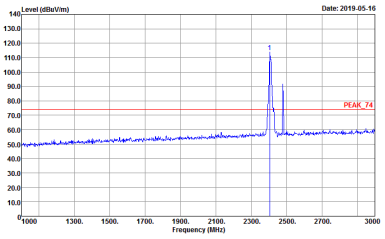
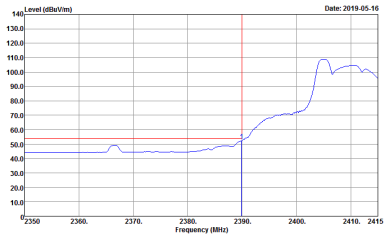
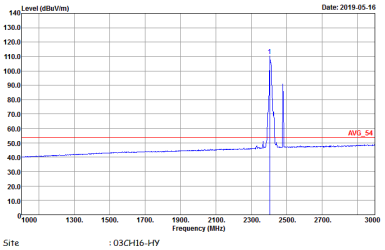
BLE (Band Edge @ 3m)

ANT	Mode 6: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch11	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 20	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 20
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 20	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 20

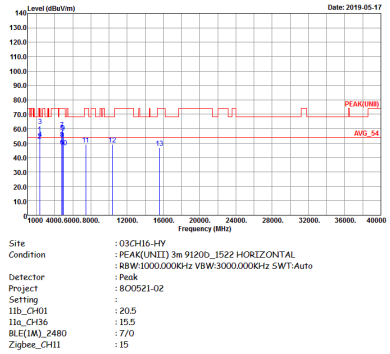
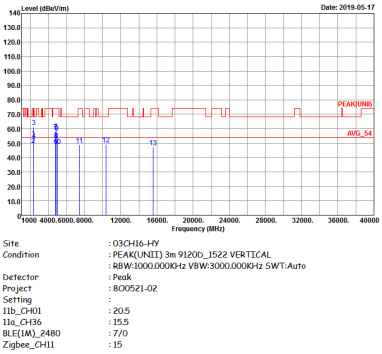
ANT	Mode 6: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch11	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 20	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 20
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 20	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 20

Zigbee (Band Edge @ 3m)

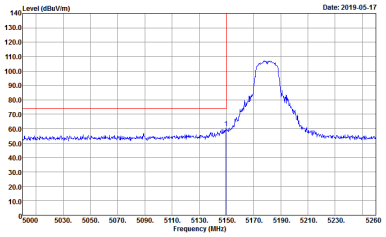
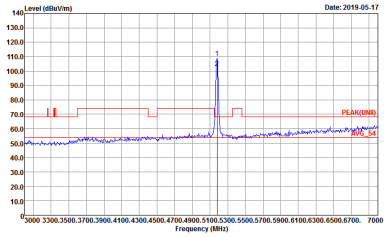
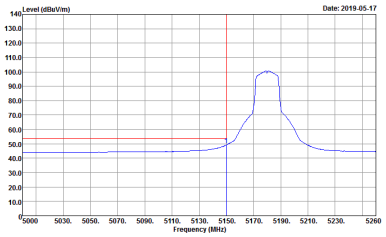
ANT	Mode 6: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch11	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 15	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 15
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 15	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 15

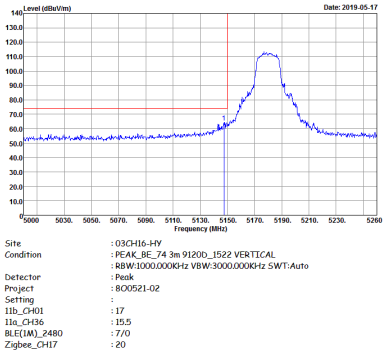
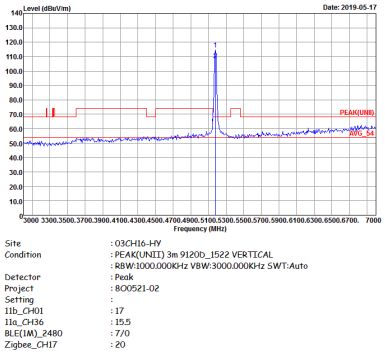
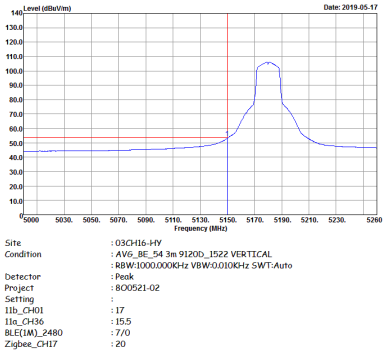
ANT	Mode 6: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch11	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 15	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 15
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 15	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 15

2.4GHz 2400~2483.5MHz and Band 1 5150~5250MHz (Harmonic @ 3m)

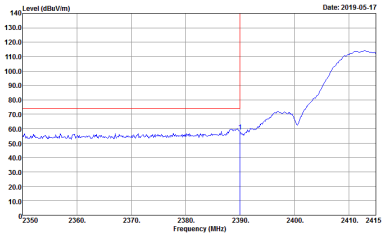
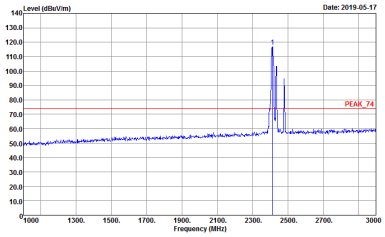
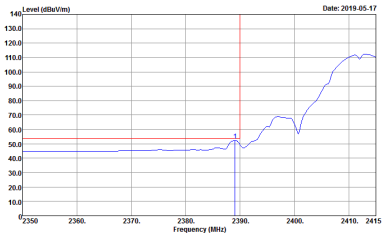
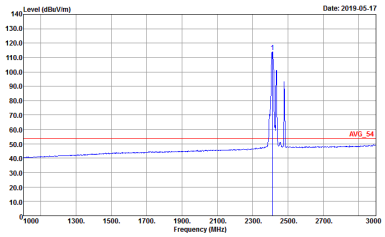
ANT	Mode 6: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch11	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNB) 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 15	 Site : 03CH16-HY Condition : PEAK(UNB) 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 20.5 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH11 : 15

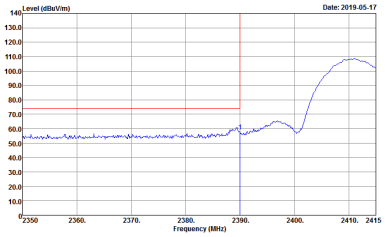
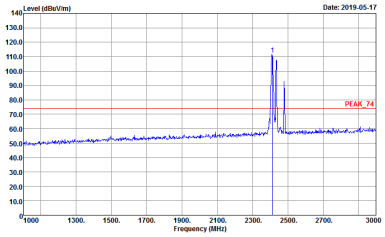
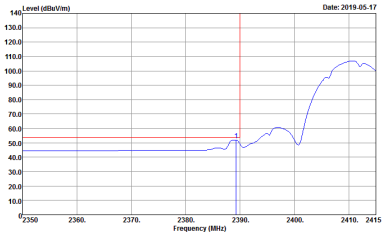
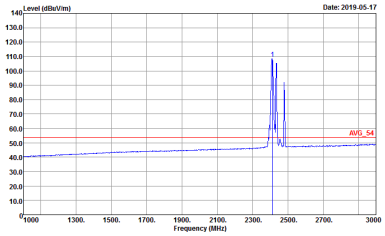
Band 1 5150~5250MHz (Band Edge @ 3m)

ANT	Mode 7: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch17	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20	Left blank

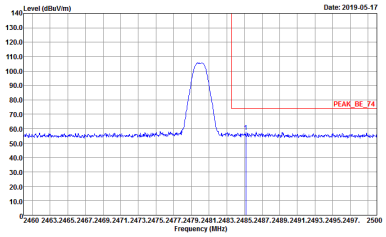
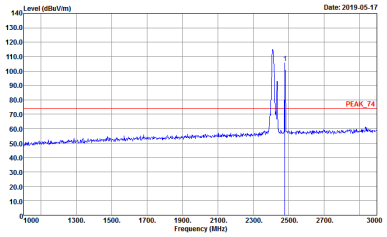
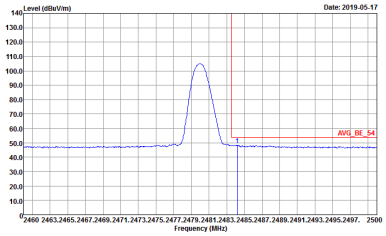
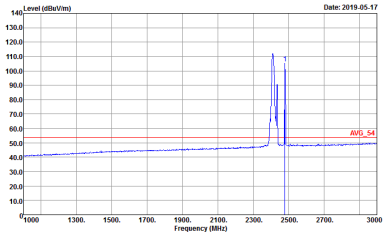
ANT	Mode 7: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch17	
Simultaneously	**Vertical**	**Fundamental**
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20
Avg.	 Site : 03CH16-HY Condition : AV6_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20	Left blank

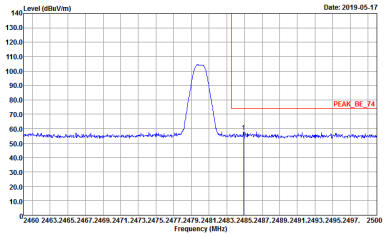
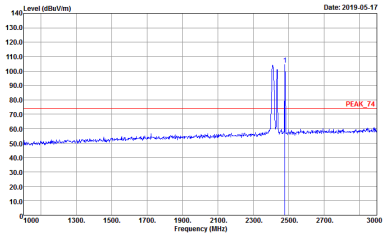
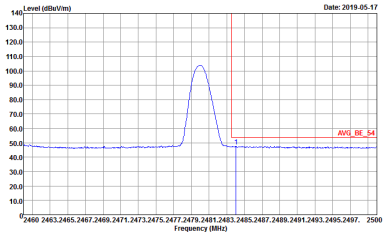
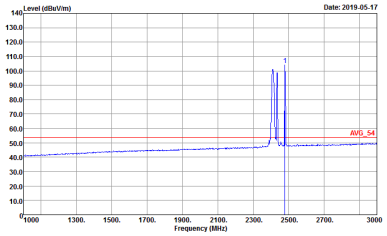
2.4GHz 2400~2483.5MHz (Band Edge @ 3m)

ANT	Mode 7: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch17	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH1 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH1 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH1 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH1 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20

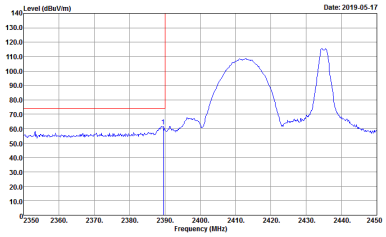
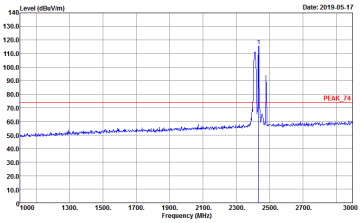
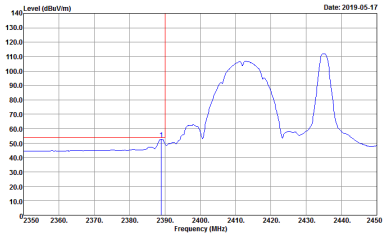
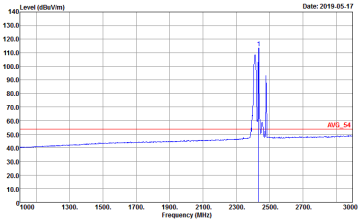
ANT	Mode 7: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch17	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH1 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH1 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH1 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH1 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20

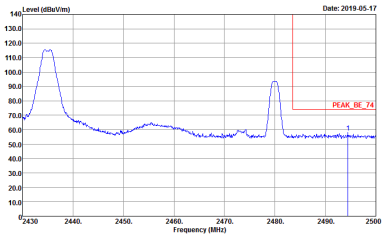
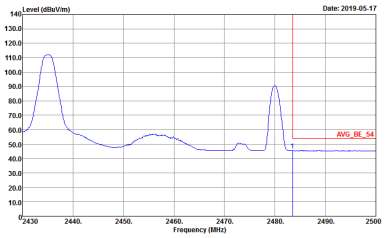
BLE (Band Edge @ 3m)

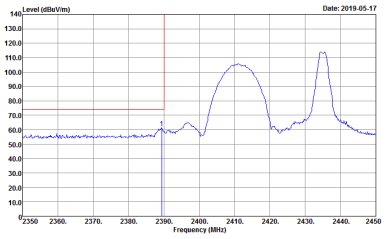
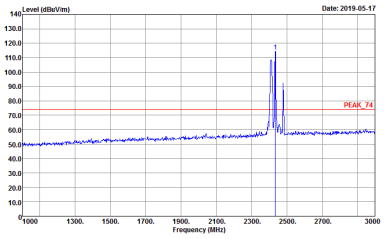
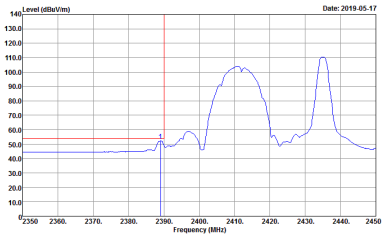
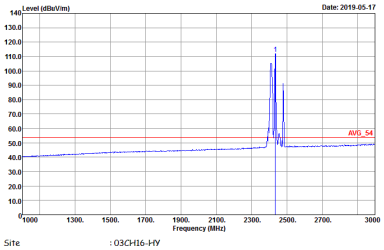
ANT	Mode 7: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch17	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20

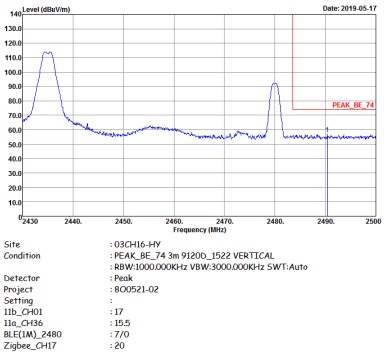
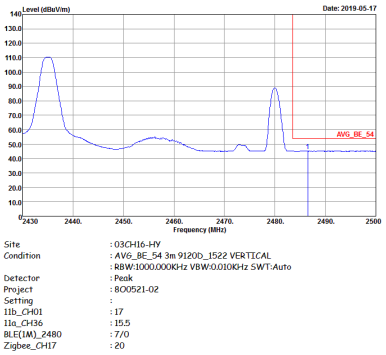
ANT	Mode 7: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch17	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20

Zigbee (Band Edge @ 3m)

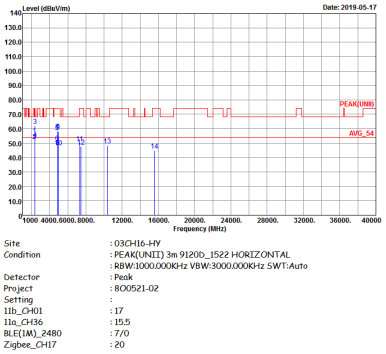
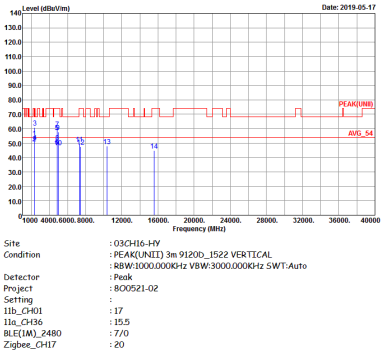
ANT	Mode 7: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch17	
Simultaneously	Horizontal	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20

ANT	Mode 7: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch17	
Simultaneously	**Horizontal**	**Fundamental**
Peak	 Site : 03CH16-HV Condition : PEAK_BE_74 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : BO0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20	Left blank
Avg.	 Site : 03CH16-HV Condition : AV6_BE_54 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : BO0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20	Left blank

ANT	Mode 7: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch17	
Simultaneously	Vertical	Fundamental
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20	 Site : 03CH16-HY Condition : PEAK_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20
Avg.	 Site : 03CH16-HY Condition : AVG_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20	 Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20

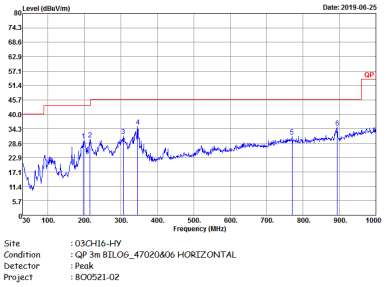
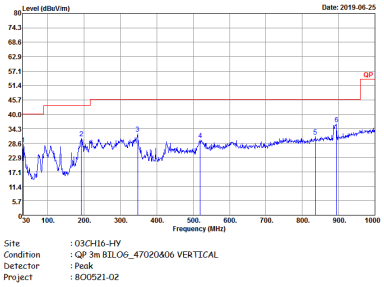
ANT	Mode 7: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch17	
Simultaneously	**Vertical**	**Fundamental**
Peak	 Site : 03CH16-HY Condition : PEAK_BE_74 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20	Left blank
Avg.	 Site : 03CH16-HY Condition : AV6_BE_54 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20	Left blank

2.4GHz 2400~2483.5MHz and Band 1 5150~5250MHz (Harmonic @ 3m)

ANT	Mode 7: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch17	
Simultaneously	Horizontal	Vertical
Peak Avg.	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_1522 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20	 Site : 03CH16-HY Condition : PEAK(UNII) 3m 9120D_1522 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 8O0521-02 Setting : 11b_CH01 : 17 11a_CH36 : 15.5 BLE(1M)_2480 : 7/0 Zigbee_CH17 : 20

Emission below 1GHz

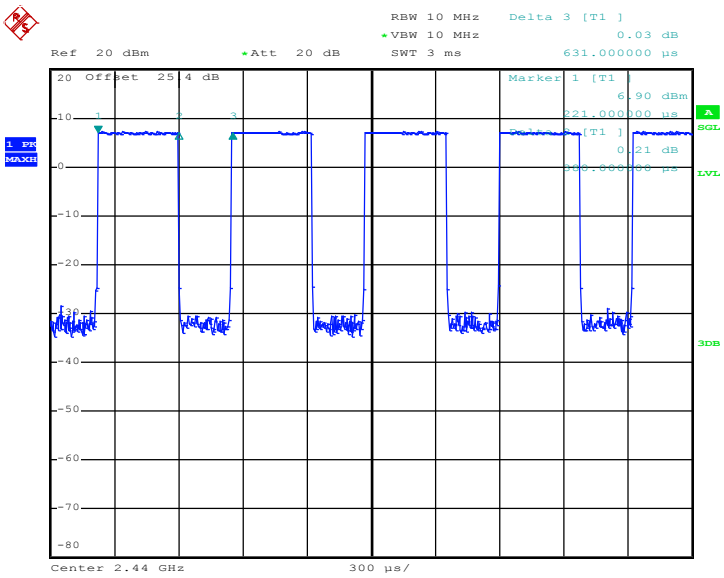
2.4GHz 2400~2483.5MHz and Band 1 5150~5250MHz (LF)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	Mode 5: Ant 0+1 11b Ch1 + Ant 2 11a Ch36 + Ant 2 BLE 1M Ch39 + Ant 3 Zigbee Ch25	
Simultaneously	Horizontal	Vertical
QP / Peak		

Appendix C. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting	Duty Factor(dB)
-	Bluetooth –LE for 1Mbps	60.22	380	2.63	3kHz	2.20
0+1	802.11b for Ant 0	100.00	-	-	10Hz	0.00
0+1	802.11b for Ant 1	100.00	-	-	10Hz	0.00
0+1	802.11a for Ant 0	100.00	-	-	10Hz	0.00
0+1	802.11a for Ant 1	100.00	-	-	10Hz	0.00
2	802.11a	100.00	-	-	10Hz	0.00
3	Zigbee	100	150	6.67	10Hz	0.00

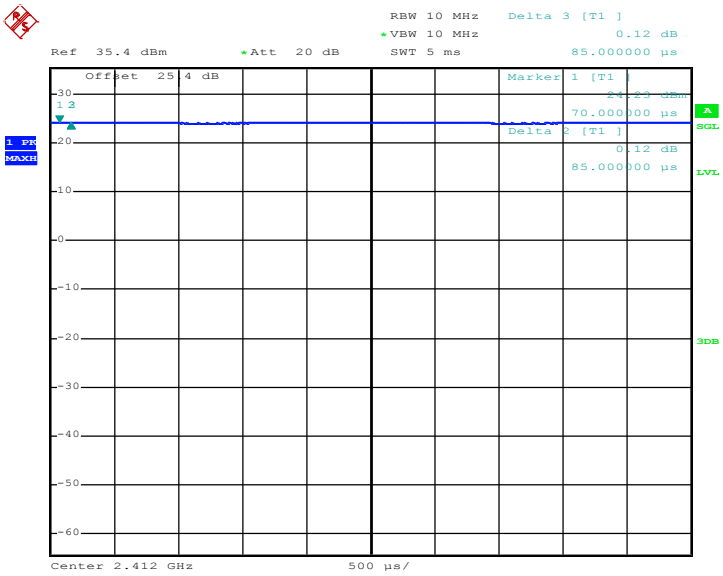
Bluetooth – LE for 1Mbps



Date: 27.APR.2019 02:52:27

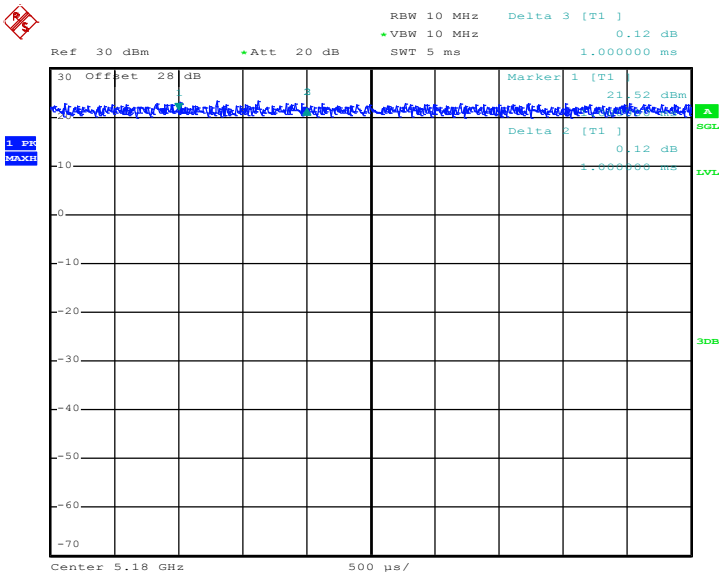
<Ant. 0>

2.4GHz 802.11b



Date: 26.APR.2019 04:04:11

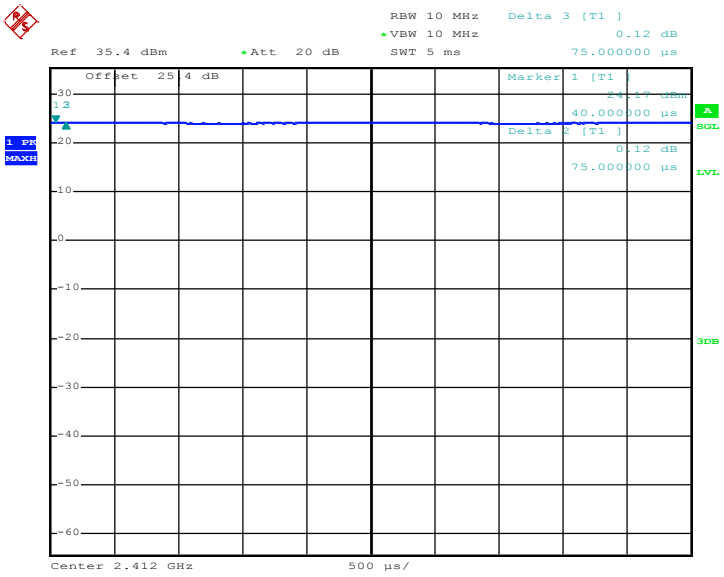
5GHz 802.11a



Date: 26.APR.2019 15:34:11

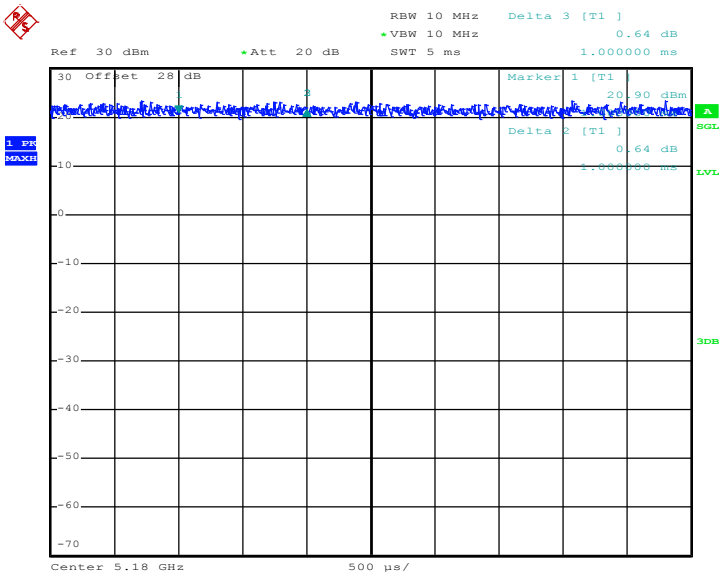
<Ant. 1>

2.4GHz 802.11b



Date: 26.APR.2019 04:04:39

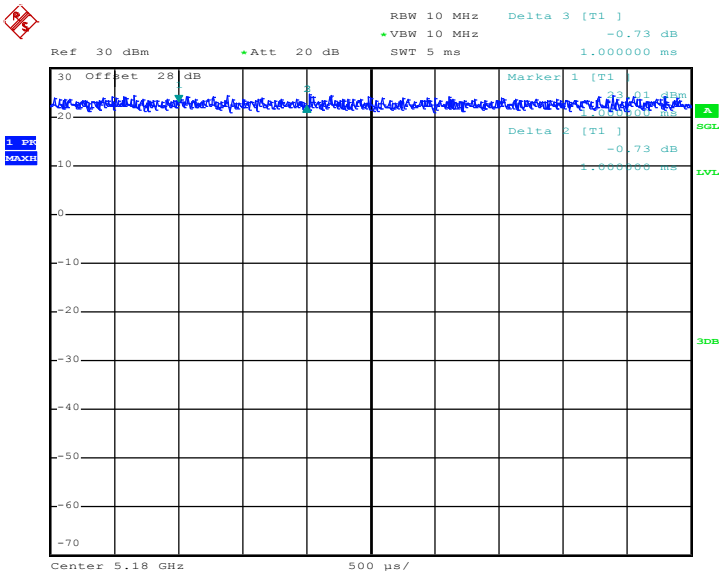
5GHz 802.11a



Date: 26.APR.2019 15:34:44

<Ant. 2>

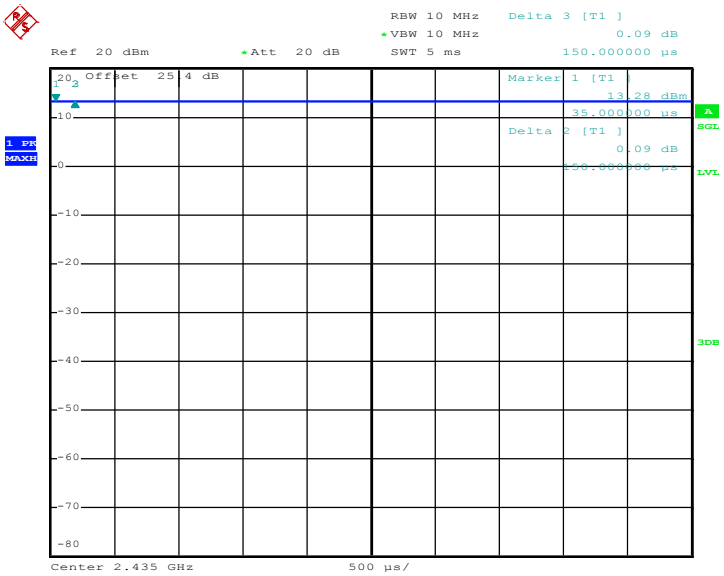
5GHz 802.11a



Date: 26.APR.2019 14:30:50

<Ant. 3>

Zigbee



Date: 27.APR.2019 05:20:33

THE END