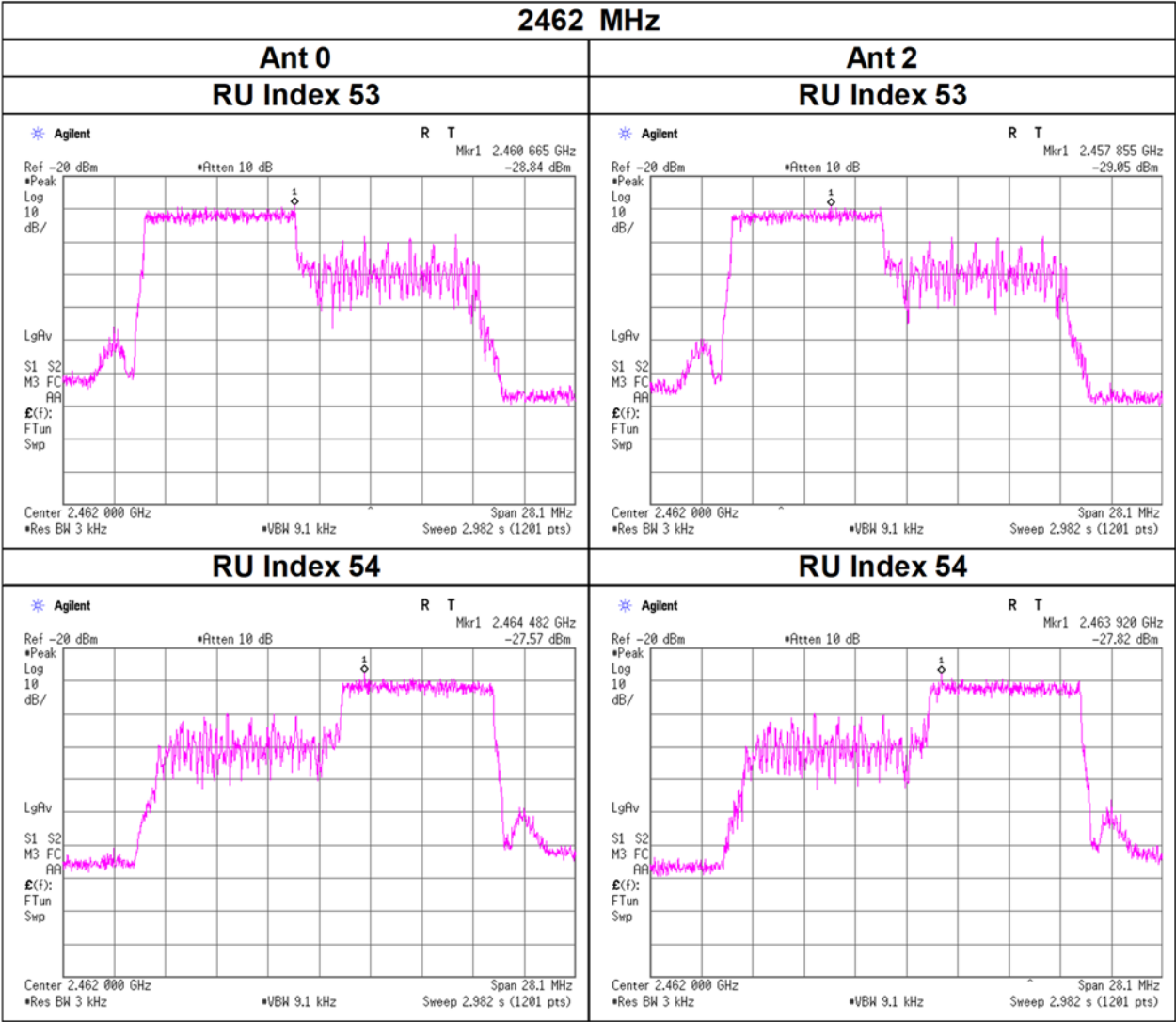


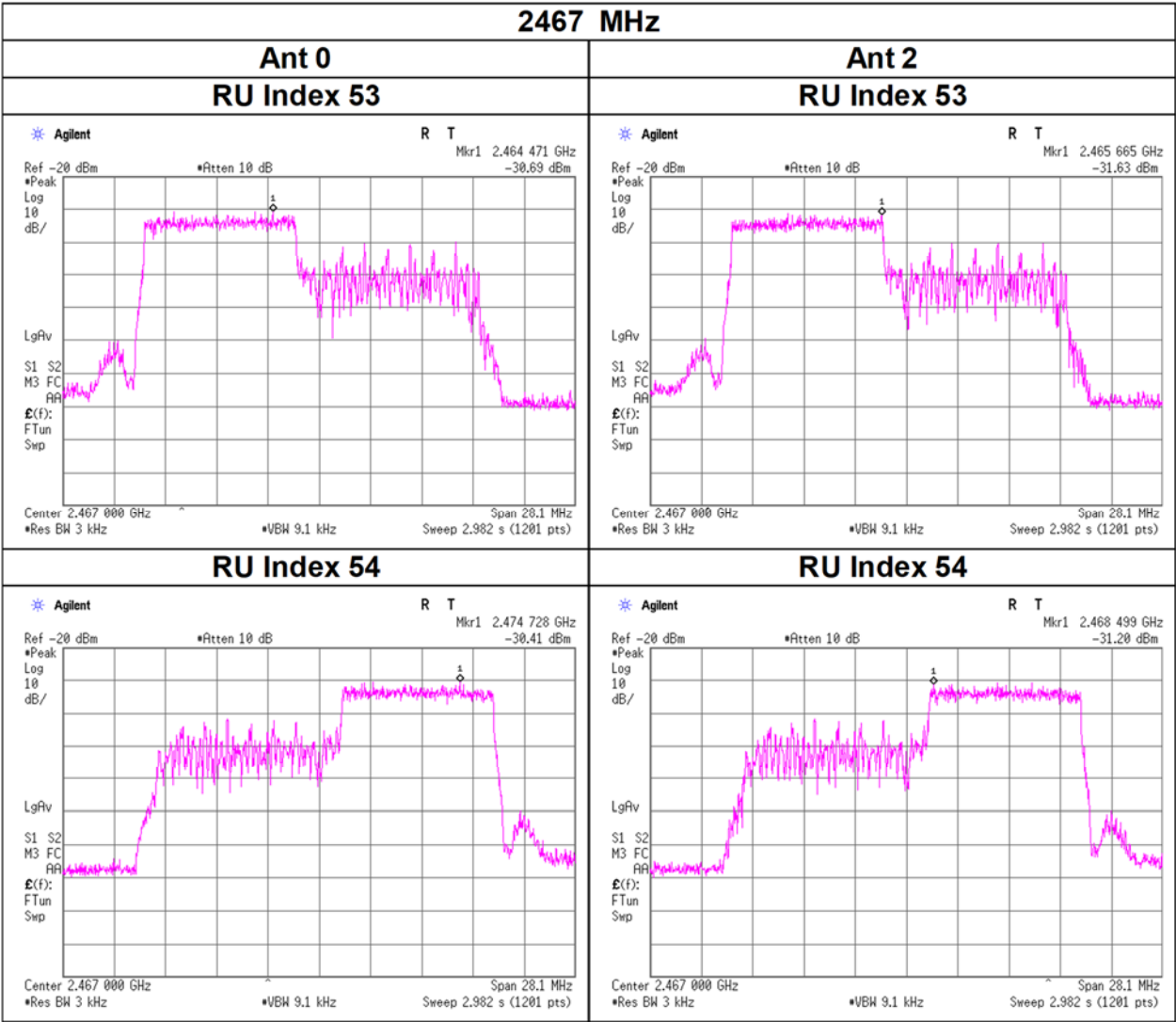
Power Density

11ax-20(OFDMA)(SDM), 106-tone RU
2462 MHz



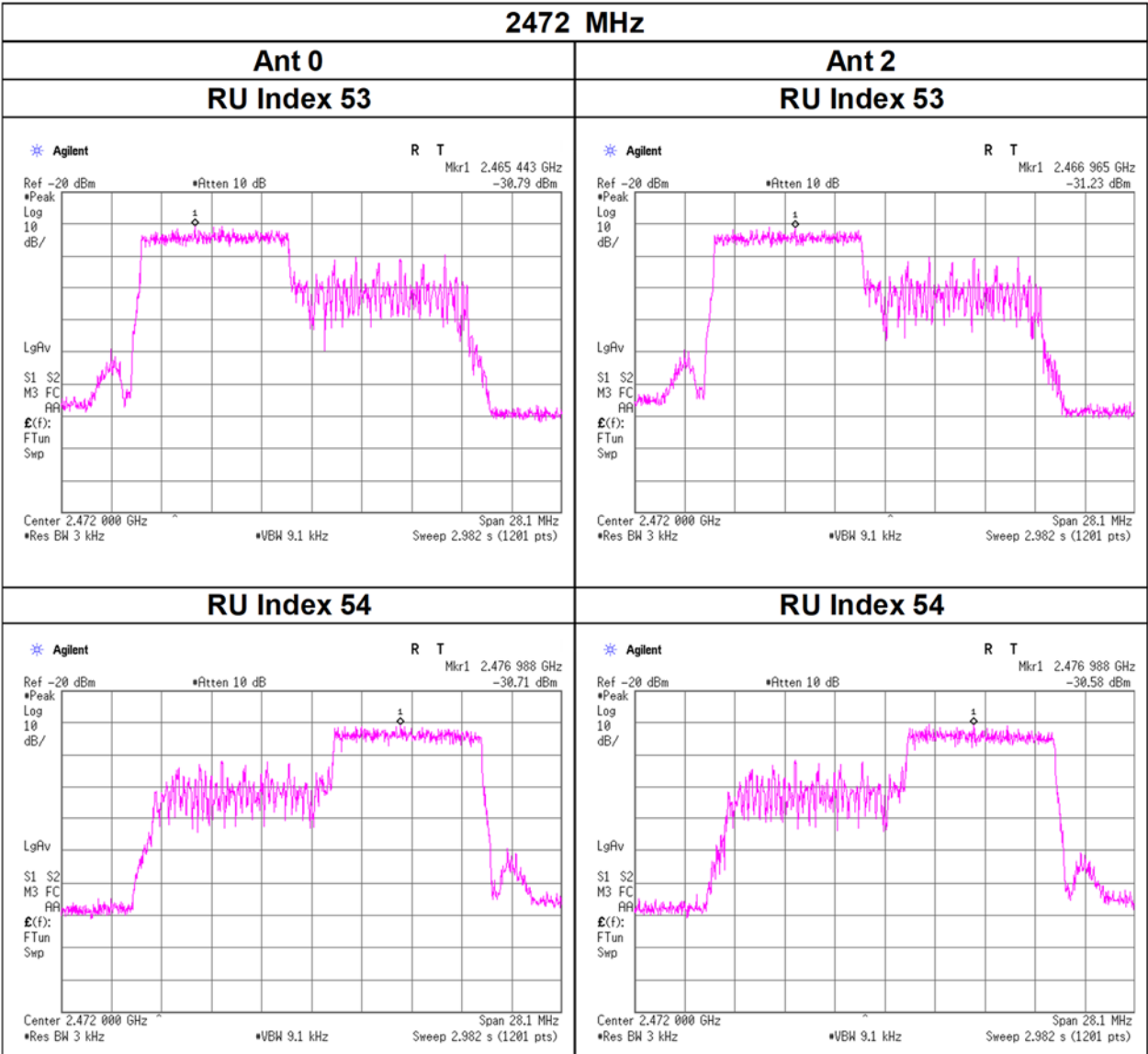
Power Density

11ax-20(OFDMA)(SDM), 106-tone RU
2467 MHz



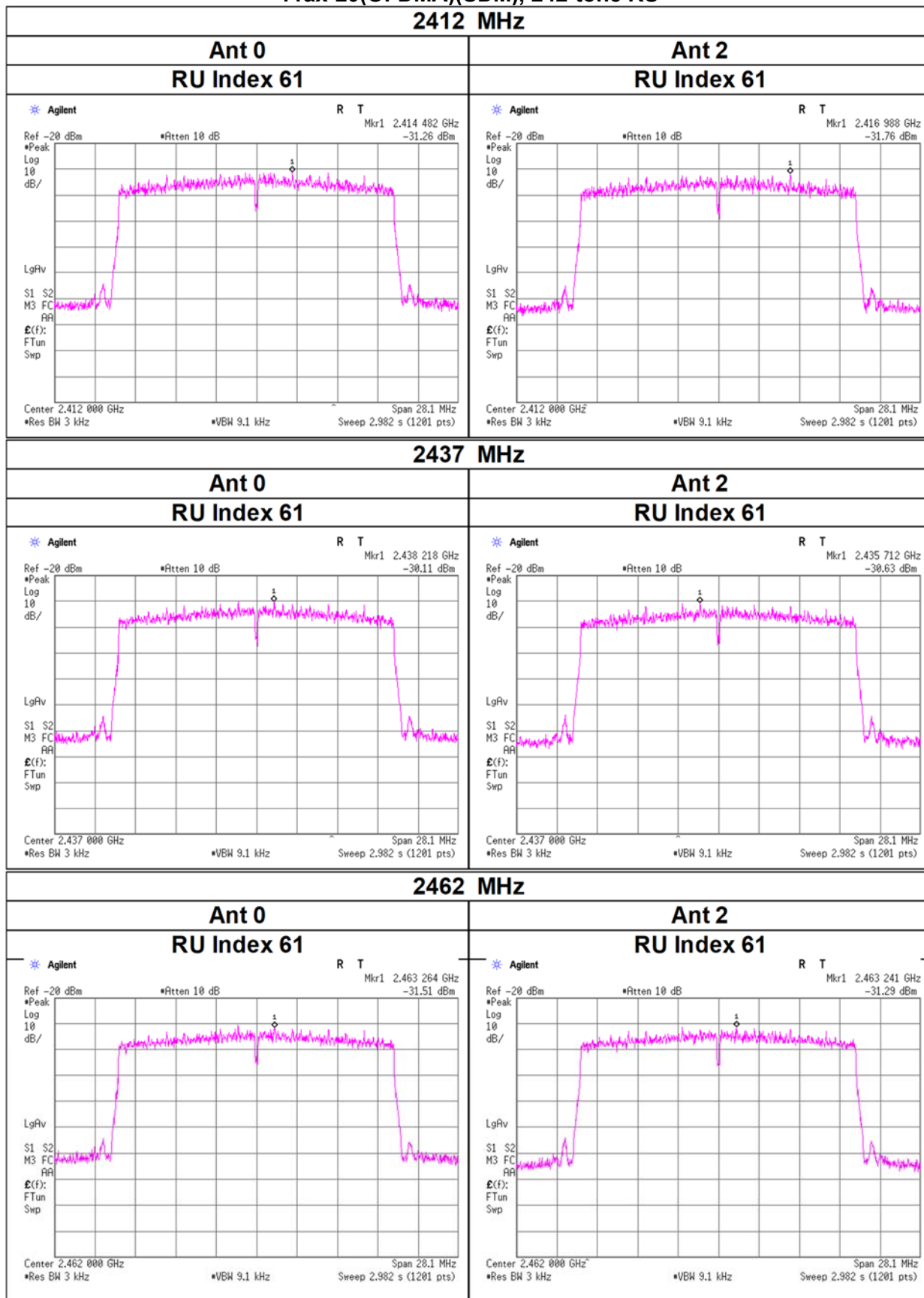
Power Density

11ax-20(OFDMA)(SDM), 106-tone RU
2472 MHz



Power Density

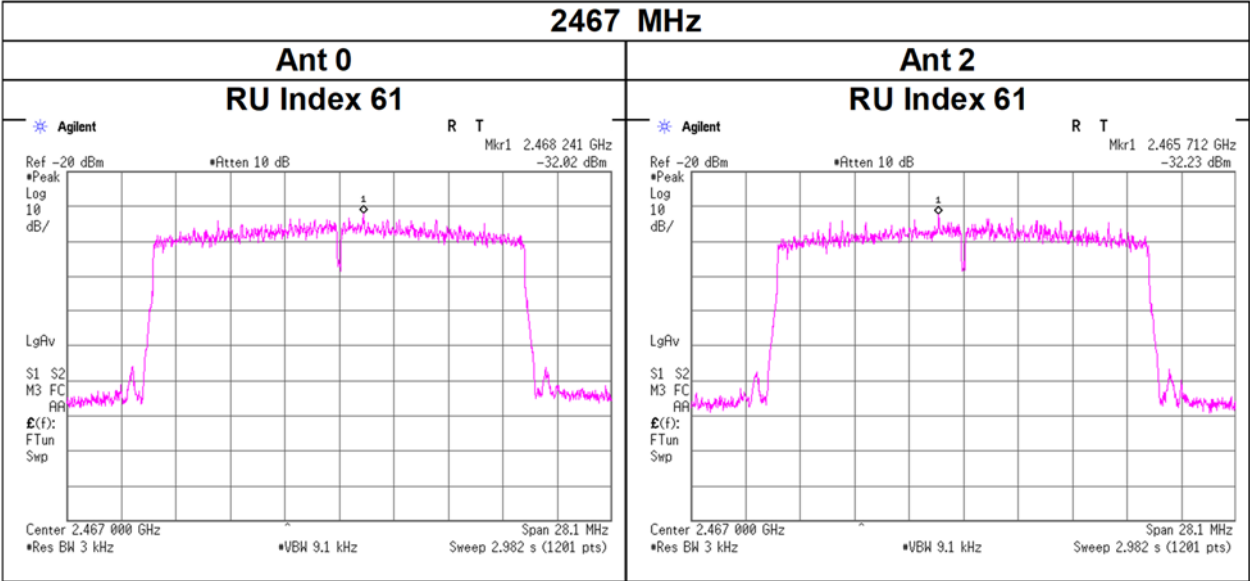
11ax-20(OFDMA)(SDM), 242-tone RU 2412 MHz



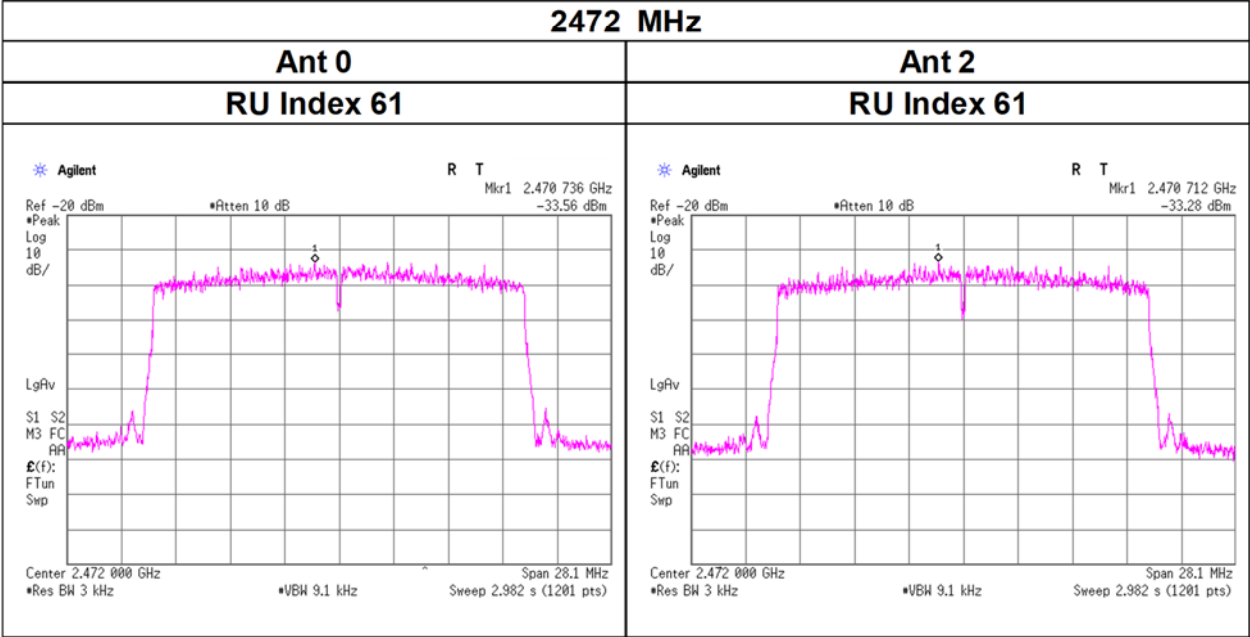
Power Density

11ax-20(OFDMA)(SDM), 242-tone RU

2467 MHz



2472 MHz



Power Density

Test place Shonan EMC Lab. No.1 Measurement Room
Date September 27, 2023
Temperature / Humidity 24 deg. C / 48 % RH
Engineer Kazuya Noda
Mode Tx

BT LE coded S-8

Antenna: Ant 0

Frequency	Reading	Cable Loss	Atten. Loss	Result	Limit	Margin
[MHz]	[dBm/3 kHz]	[dB]	[dB]	[dBm/3 kHz]	[dBm/3 kHz]	[dB]
2402	-12.00	1.64	9.98	-0.38	8.00	8.38
2440	-12.31	1.65	9.98	-0.68	8.00	8.68
2480	-12.52	1.65	9.98	-0.89	8.00	8.89

BT LE 2M-PHY

Antenna: Ant 0

Frequency	Reading	Cable Loss	Atten. Loss	Result	Limit	Margin
[MHz]	[dBm/3 kHz]	[dB]	[dB]	[dBm/3 kHz]	[dBm/3 kHz]	[dB]
2402	-24.39	1.64	9.98	-12.77	8.00	20.77
2440	-24.67	1.65	9.98	-13.04	8.00	21.04
2480	-24.75	1.65	9.98	-13.12	8.00	21.12

Sample Calculation:

Result = Reading + Cable Loss (including the cable(s) customer supplied) + Attenuator Loss

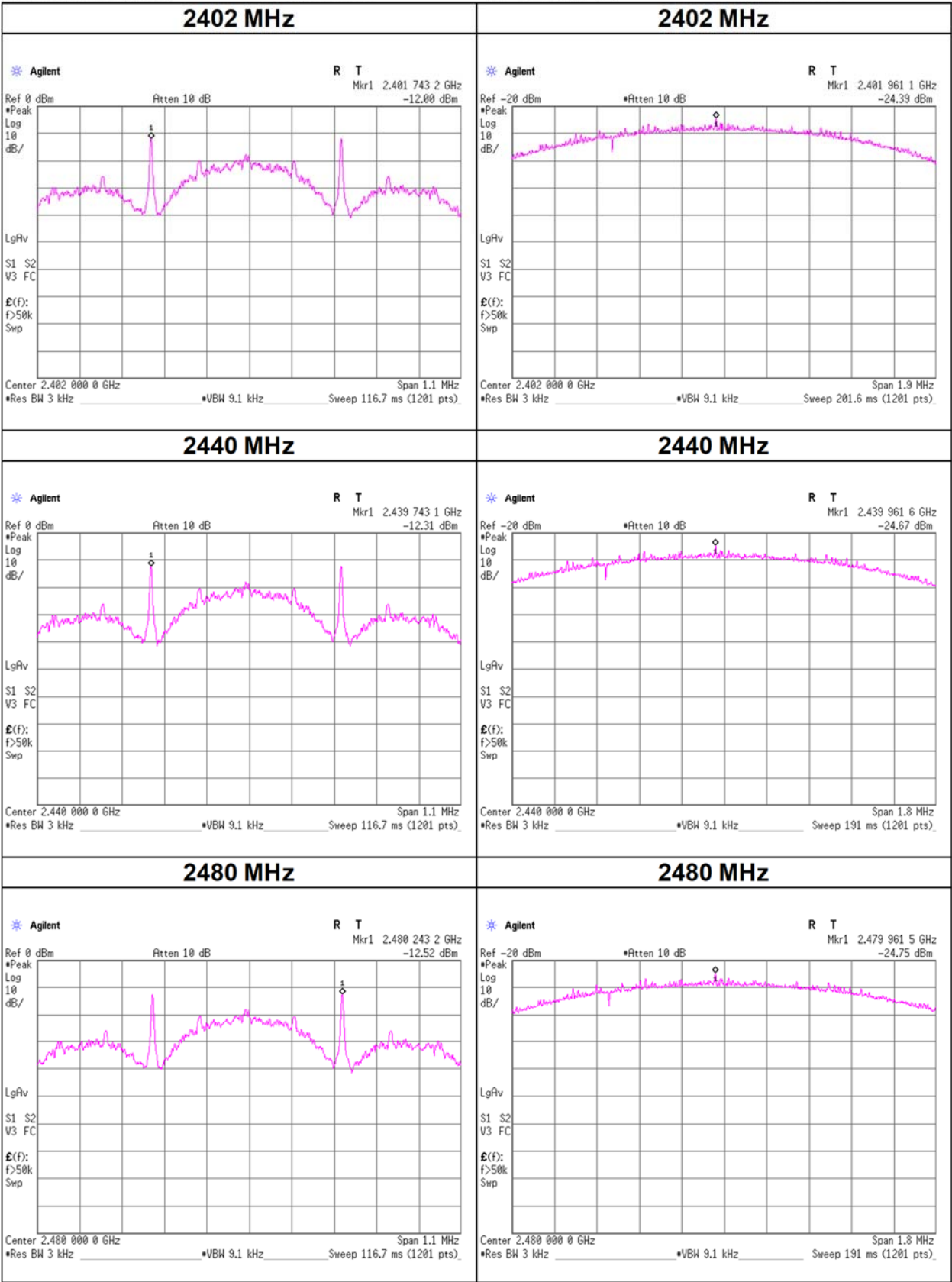
Power Density

BT LE coded S-8

Antenna: Ant 0

BT LE 2M-PHY

Antenna: Ant 0



APPENDIX 2: Test Instruments

Test Equipment (1/2)

Test Item	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
AT	145095	Digital Tester	SANWA	PC500	7019224	2024/05/29	12
AT	145800	Spectrum Analyzer	Keysight Technologies Inc	E4448A	MY48250106	2024/03/25	12
AT	146062	Terminator	Hirose Electric	HRM-TMP-05(40)	-	-	-
AT	146247	Power Meter	Keysight Technologies Inc	8990B	MY51000272	2024/05/14	12
AT	146310	Power sensor	Keysight Technologies Inc	N1923A	MY5326009	2024/05/14	12
AT	169910	Power Meter	Keysight Technologies Inc	8990B	MY51000448	2024/09/11	12
AT	169911	Power sensor	Keysight Technologies Inc	N1923A	MY57270004	2024/09/11	12
AT	169912	Power sensor	Keysight Technologies Inc	N1923A	MY57290005	2024/09/11	12
AT	171615	Terminator	Weinschel - API Technologies Corp	M1459A	88997	2024/05/09	12
AT	191845	Thermo-Hygrometer	CUSTOM. Inc	CTH-201	-	2023/08/07	12 *1)
AT	191846	Thermo-Hygrometer	CUSTOM. Inc	CTH-201	-	2023/08/07	12 *1)
AT	196946	Coaxial Cable	Huber+Suhner	SUCOFLEX 102	803411/2	2024/03/07	12
AT	204927	Attenuator	Weinschel Corp.	54A-10	109972	2024/02/09	12
AT	235604	Spectrum Analyzer	Keysight Technologies Inc	E4440A	MY45300743	2024/05/23	12
CE	144969	Coaxial Cable&RF Selector	Suhner/Suhner/TOYO	RG223U/141PE/N S4906	-/0901-270(RF Selector)	2024/04/10	12
CE	145539	LISN	Rohde & Schwarz	ENV216	100512	2024/02/06	12
CE	145541	LISN	Rohde & Schwarz	ENV216	100514	2024/02/06	12
CE	145793	Digital Hitester	HIOKI E.E. CORPORATION	3805-50	80997819	2024/05/29	12
CE	146188	Terminator	TME	CT-01 BP	-	2024/11/21	12
CE	150923	Attenuator	JFW	50HF-003N	-	2024/02/13	12
CE	191839	Thermo-Hygrometer	CUSTOM. Inc	CTH-201	-	2023/08/01	12
CE	207277	Tape Measure	ASKUL	-	-	-	-
CE	213530	Test Receiver	Rohde & Schwarz	ESW44	103068	2024/02/22	12
CE,RE	170932	EMI Software	TSJ (Techno Science Japan)	TEPTO-DV3(RE,CE,ME,P E)	Ver 3.1.0546	-	-
RE	144878	Pre Amplifier	Hewlett Packard	8449B	3008A01268	2024/04/04	12
RE	144892	Attenuator	Keysight Technologies Inc	8490D 010	6036	2024/10/10	12
RE	144938	Highpass Filter	Micro-Tronics	HPM50112	7	2024/10/10	12
RE	145007	Pre Amplifier	Toyo Corporation	HAP18-26W	19	2024/08/21	12
RE	145008	Pre Amplifier	Toyo Corporation	HAP18-26W	18	2024/08/21	12
RE	145136	Attenuator	Keysight Technologies Inc	8493C-010	74864	2024/10/10	12
RE	145176	Coaxial Cable	Suhner	SUCOFLEX 102	32703/2	2024/08/21	12
RE	145301	Highpass Filter	Micro-Tronics	HPM50111	51	2024/10/10	12
RE	145512	Horn Antenna	ETS-Lindgren	3160-09	00094868	2024/06/20	12
RE	145513	Horn Antenna	ETS-Lindgren	3160-09	00094867	2024/06/20	12
RE	145528	Logperiodic Antenna	Schwarzbeck Mess-Elektronik OHG	VUSLP9111B	195	2024/04/10	12
RE	146343	Biconical Antenna	Schwarzbeck Mess-Elektronik OHG	BBA9106	1748	2024/03/01	12
RE	179540	Coaxial Cable	Huber+Suhner	SUCOFLEX 102	802815/2	2024/03/05	12
RE	145513	Horn Antenna	ETS-Lindgren	3160-09	00094867	2024/06/20	12
RE	145528	Logperiodic Antenna	Schwarzbeck Mess-Elektronik OHG	VUSLP9111B	195	2024/04/10	12

Test Equipment (2/2)

Test Item	LIMS ID	Description	Manufacturer	Model	Serial	Last Calibration Date	Cal Int
RE	145513	Horn Antenna	ETS-Lindgren	3160-09	00094867	2024/06/20	12
RE	145528	Logperiodic Antenna	Schwarzbeck Mess-Elektronik OHG	VUSLP9111B	195	2024/04/10	12
RE	146343	Biconical Antenna	Schwarzbeck Mess-Elektronik OHG	BBA9106	1748	2024/03/01	12
RE	179540	Coaxial Cable	Huber+Suhner	SUCOFLEX 102	802815/2	2024/03/05	12
RE	199783	Attenuator	JFW	50HF-006N	-	2024/06/14	12
RE	200009	Coaxial Cable	Huber+Suhner	SUCOFLEX 104	575617/4	2024/06/05	12
RE	207280	Tape Measure	ASKUL	-	-	-	-
RE	207281	Tape Measure	ASKUL	-	-	-	-
RE	235267	Test Receiver	Rohde & Schwarz	ESW44	103018	2024/03/05	12
RE	235268	Test Receiver	Rohde & Schwarz	ESW44	103212	2023/12/26	12
RE	235639	DIGITAL MULTIMETER	HIOKI E.E. CORPORATION	DT4261	230313156	2024/05/29	12
RE	235640	DIGITAL MULTIMETER	HIOKI E.E. CORPORATION	DT4261	230313157	2024/05/29	12
RE	235735	Thermo-Hygrometer	CUSTOM. Inc	CTH-230	-	2024/04/28	12
RE	235738	Thermo-Hygrometer	CUSTOM. Inc	CTH-230	-	2024/04/28	12
RE	236584	Horn Antenna	AINFO Inc.	LB-8180-NF	2030013000112	2024/04/04	12
RE	236615	Semi-Anechoic Chamber	TDK	SWAC-02(NSA)	2	2024/05/10	12
RE	236616	Semi-Anechoic Chamber	TDK	SWAC-01(SVSWR)	1	2024/06/04	12
RE	236617	Semi-Anechoic Chamber	TDK	SWAC-02(SVSWR)	2	2024/06/06	12
RE	236687	Horn Antenna	Schwarzbeck Mess-Elektronik OHG	BBHA 9120 C	788	2024/04/04	12
RE	236709	Coaxial Cable	Hayashi-Repic co., Ltd.	NMS079B-GL310C-SMS117B-2m	47256-02-04	2024/05/09	12
RE	236720	Coaxial Cable	Huber+Suhner	SF106/SF106/SF106	2001167/2001168/2001161	2024/05/10	12
RE	236724	Coaxial Cable	Hayashi-Repic co., Ltd.	SF106(HUBER+S UHNER)/LMR400 UF/GL310C/GL310C	2000430/47753-2/47256-01-04/47256-01-02	2024/05/10	12
RE	236756	Coaxial Cable	Huber+Suhner	SF106/11N/11N/6000	2001167	2024/05/10	12
RE	236769	Horn Antenna	AINFO Inc.	LB-8180-NF	2030013000111	2024/04/19	12
RE	236802	Antenna Tilt Jig	Intelligent System Engineering Co., Ltd	Antenna Tilt Jig	1512004-0020-052	-	-
RE	236967	Pre Amplifier	TSJ (Techno Science Japan)	MLA-9K01-L01	23050010	2024/06/14	12
RE	237784	RF RELAY MATRIX with preamplifier	TSJ (Techno Science Japan)	RFM-E221261R	07795	2024/11/12	12
RE	237786	RF RELAY MATRIX with preamplifier	TSJ (Techno Science Japan)	RFM-E221261R	07796	2024/11/12	12
RE	239643	Coaxial Cable	Junkosha	MWX221-01000NFSNMS/B	2306S021	2024/08/20	12
RE	239644	Coaxial Cable	Junkosha	MWX221-01000NFSNMS/B	2306S022	2024/08/21	12
RE	239647	Coaxial Cable	To-Conne Co., Ltd.	TC-048-2.92P-2.92J-1000	-	-	-
RE	239787	Biconical Antenna	Schwarzbeck Mess-Elektronik OHG	VHBB 9124+BBA9106	01908	2024/08/10	12
RE	243689	Coaxial Cable	Huber+Suhner	GL310C(Hayashi-Repic)/SF106/SF106	49373-01-01/2000781/2001160	2023/12/28	12

*Hyphens for Last Calibration Date and Cal Int (month) are instruments that Calibration is not required (e.g. software), or instruments checked in advance before use.

The expiration date of the calibration is the end of the expired month.

As for some calibrations performed after the tested dates, those test equipment have been controlled by means of an unbroken chains of calibrations.

*1) This test equipment was used for the tests before the expiration date of the calibration.

All equipment is calibrated with valid calibrations. Each measurement data is traceable to the national or international standards.

Test item:

AT: Antenna Terminal Conducted test

CE: Conducted Emission

RE: Radiated Emission