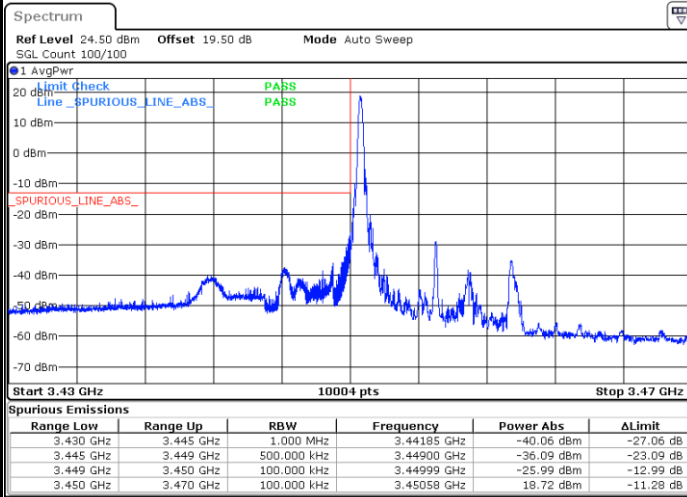




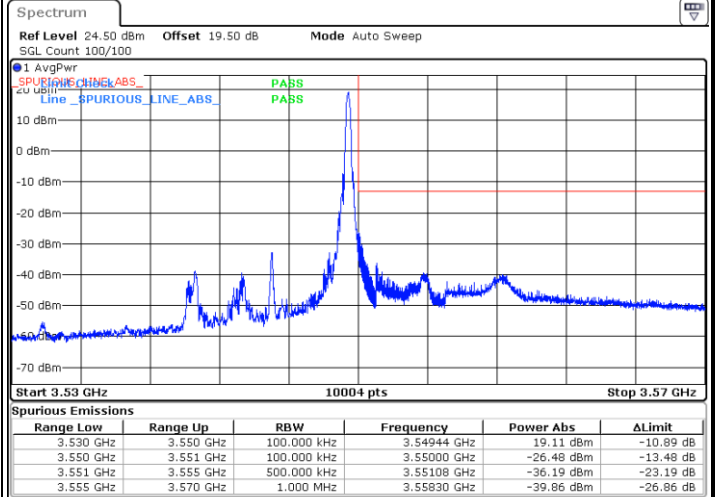
LTE Band 42 / 10MHz / QPSK

Lowest Band Edge / 1 RB



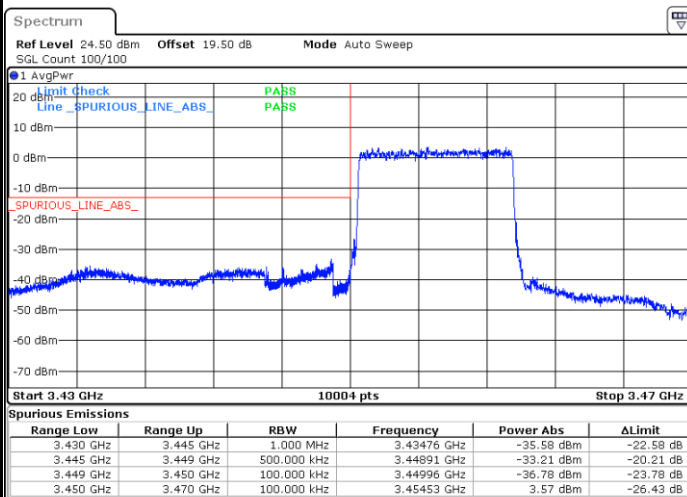
Date: 2.DEC.2021 13:41:27

Highest Band Edge / 1 RB



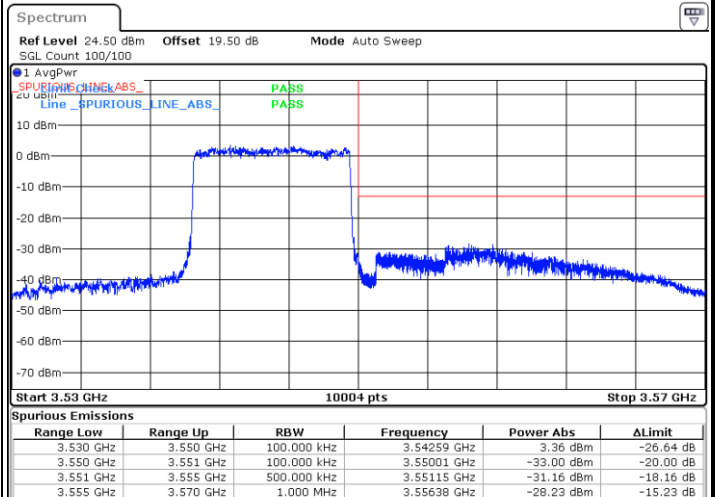
Date: 2.DEC.2021 13:46:05

Lowest Band Edge / Full RB



Date: 2.DEC.2021 13:39:17

Highest Band Edge / Full RB

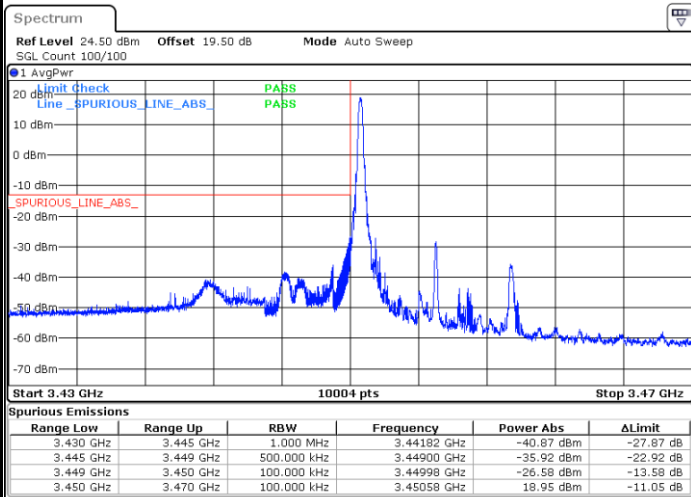


Date: 2.DEC.2021 13:42:22



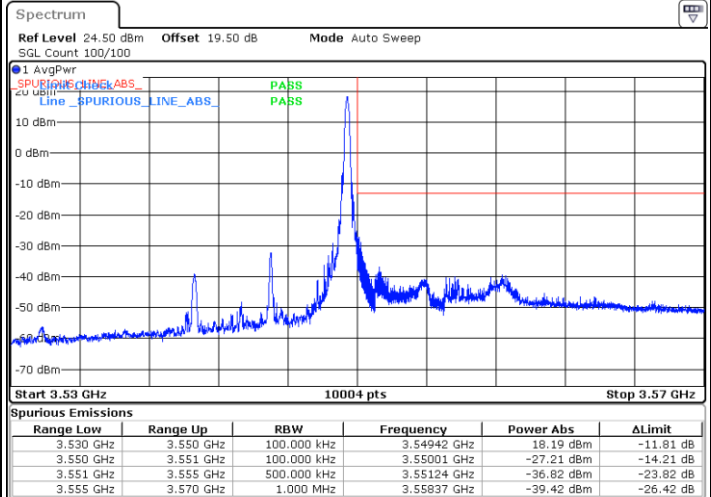
LTE Band 42 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



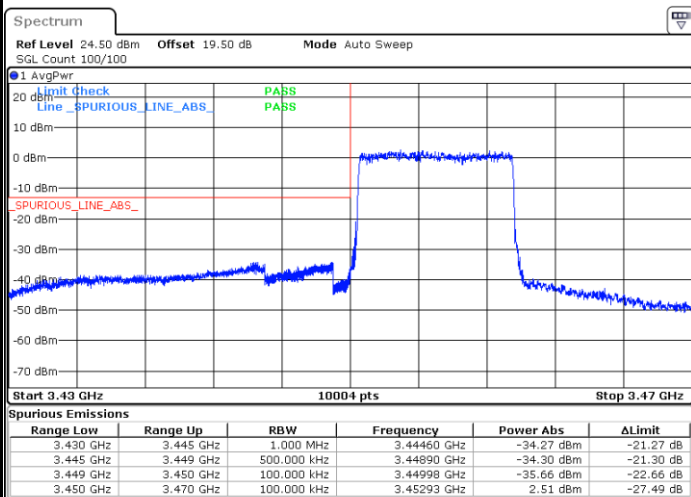
Date: 2.DEC.2021 13:41:07

Highest Band Edge / 1 RB



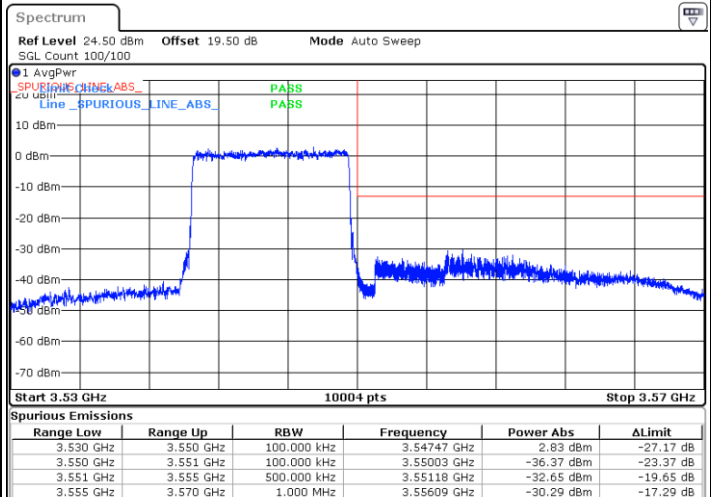
Date: 2.DEC.2021 13:45:22

Lowest Band Edge / Full RB



Date: 2.DEC.2021 13:39:46

Highest Band Edge / Full RB

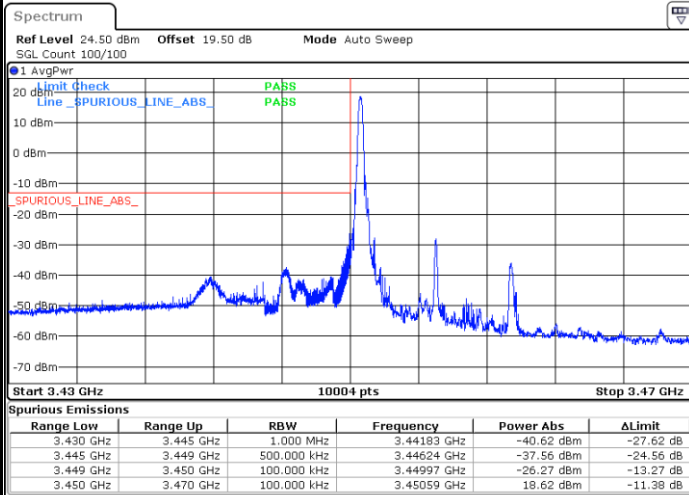


Date: 2.DEC.2021 13:42:46



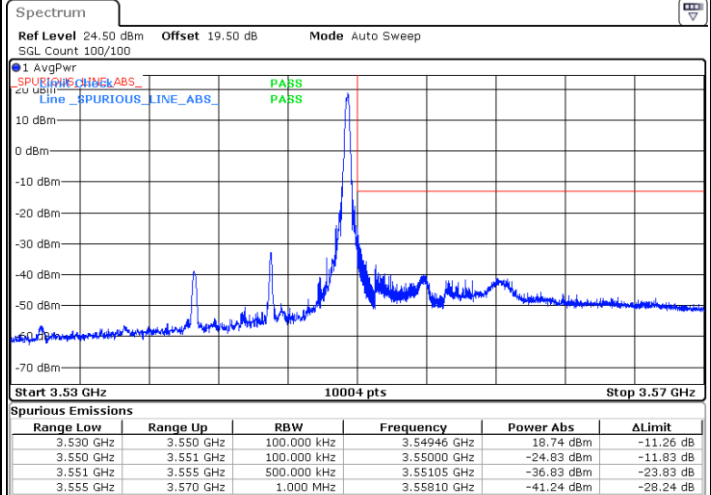
LTE Band 42 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



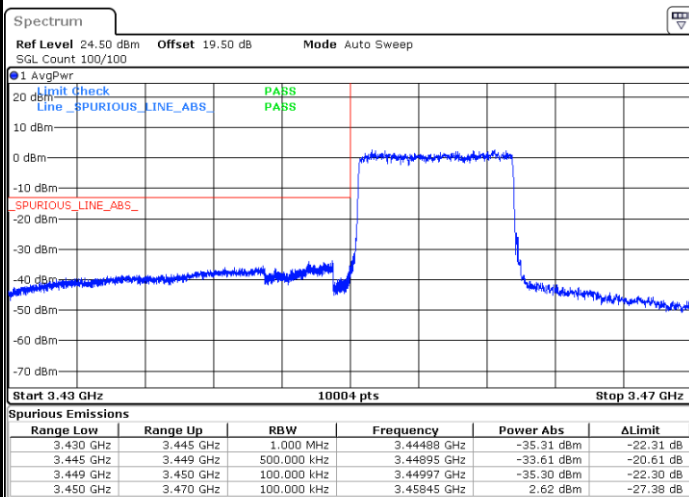
Date: 2.DEC.2021 13:40:46

Highest Band Edge / 1 RB



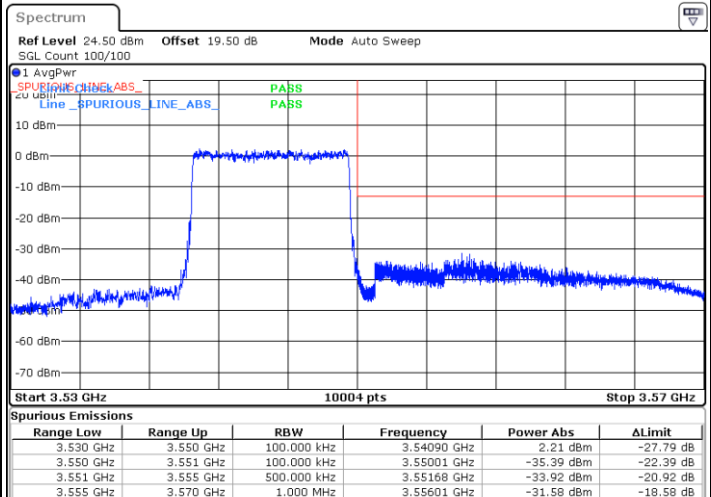
Date: 2.DEC.2021 13:44:58

Lowest Band Edge / Full RB



Date: 2.DEC.2021 13:40:11

Highest Band Edge / Full RB

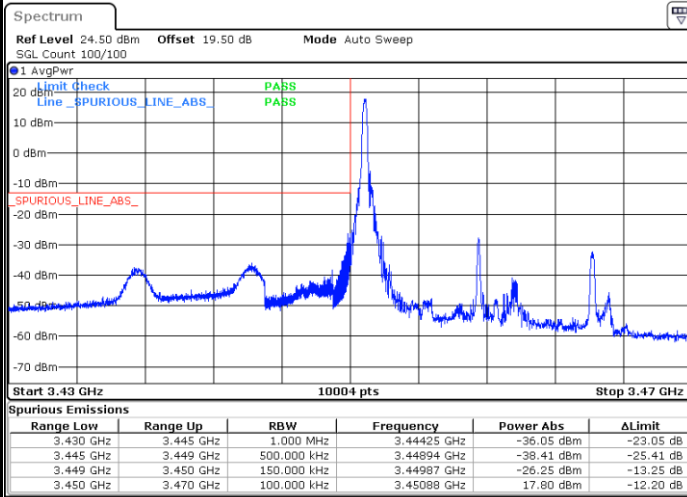


Date: 2.DEC.2021 13:44:28



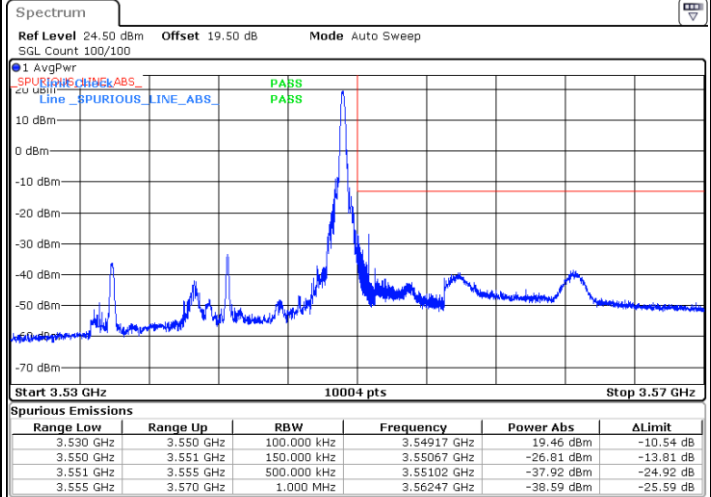
LTE Band 42 / 15MHz / QPSK

Lowest Band Edge / 1 RB



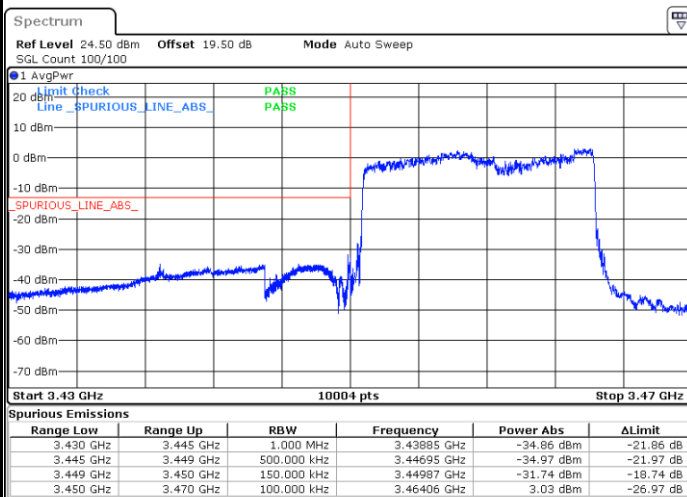
Date: 2.DEC.2021 14:08:26

Highest Band Edge / 1 RB



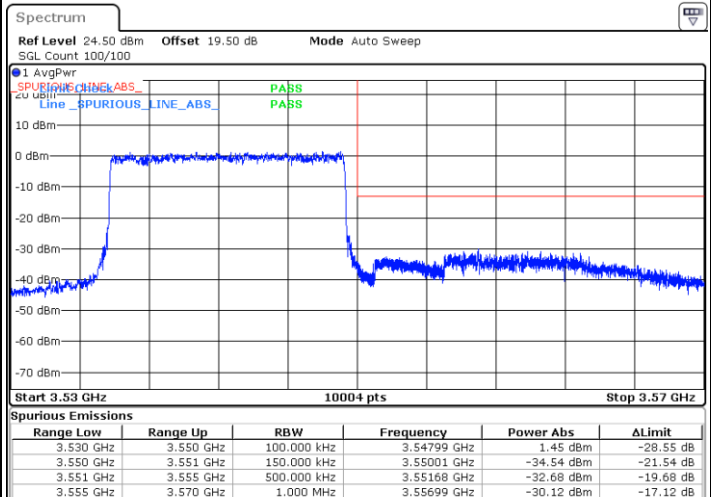
Date: 2.DEC.2021 15:33:25

Lowest Band Edge / Full RB



Date: 2.DEC.2021 14:04:57

Highest Band Edge / Full RB

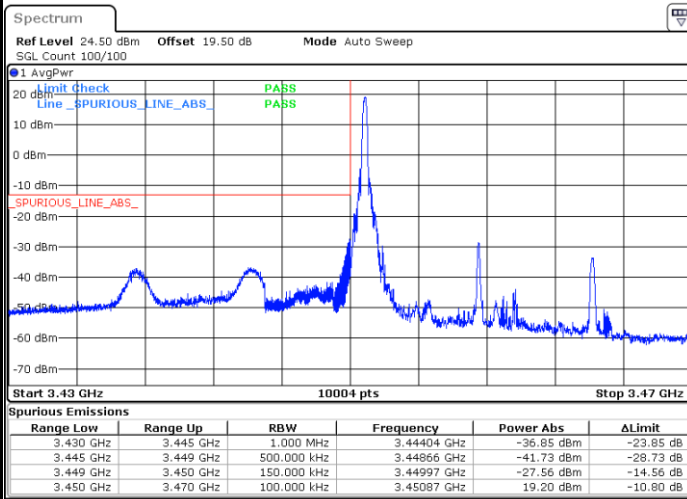


Date: 2.DEC.2021 14:10:22



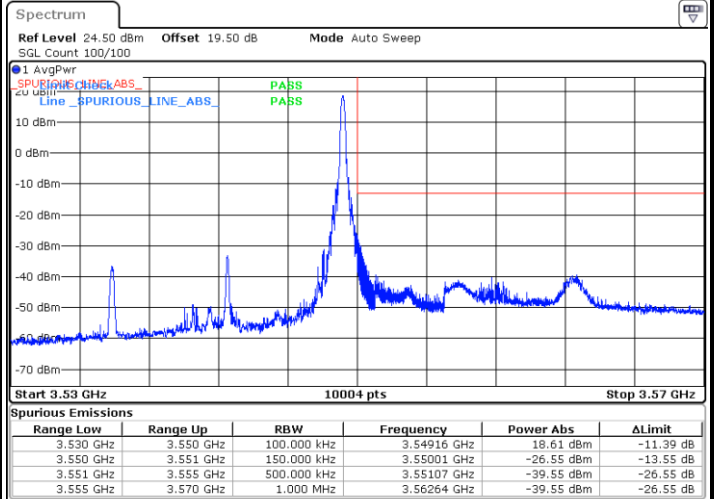
LTE Band 42 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



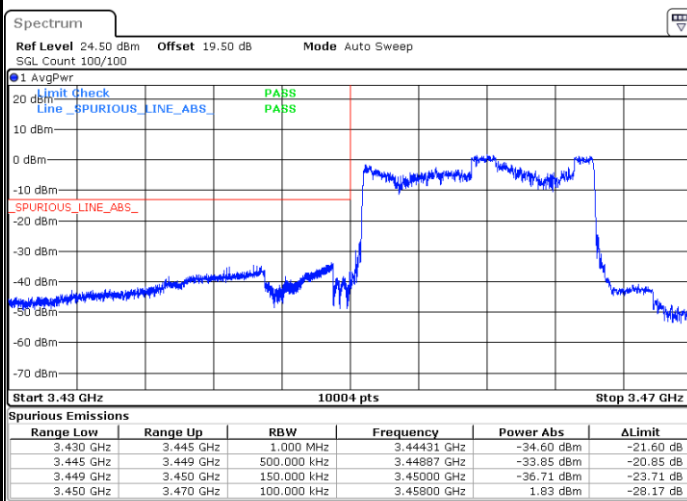
Date: 2.DEC.2021 14:08:01

Highest Band Edge / 1 RB



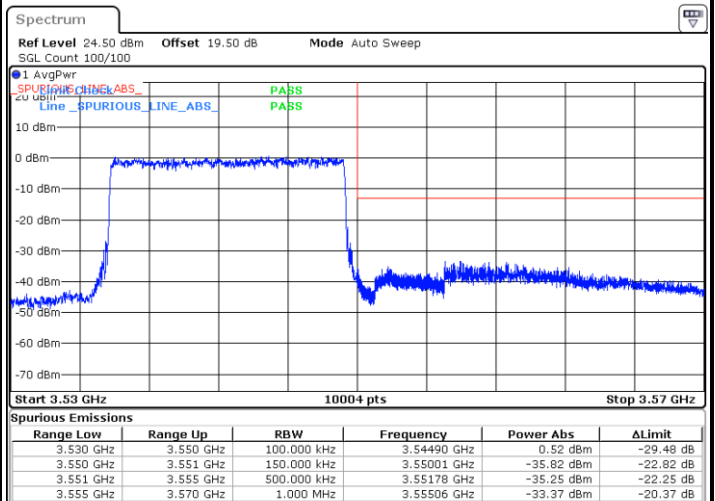
Date: 2.DEC.2021 15:33:55

Lowest Band Edge / Full RB



Date: 2.DEC.2021 14:05:35

Highest Band Edge / Full RB

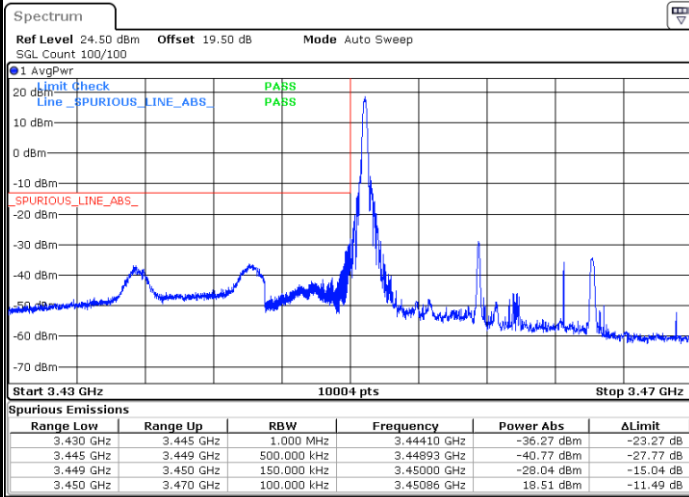


Date: 2.DEC.2021 14:10:50



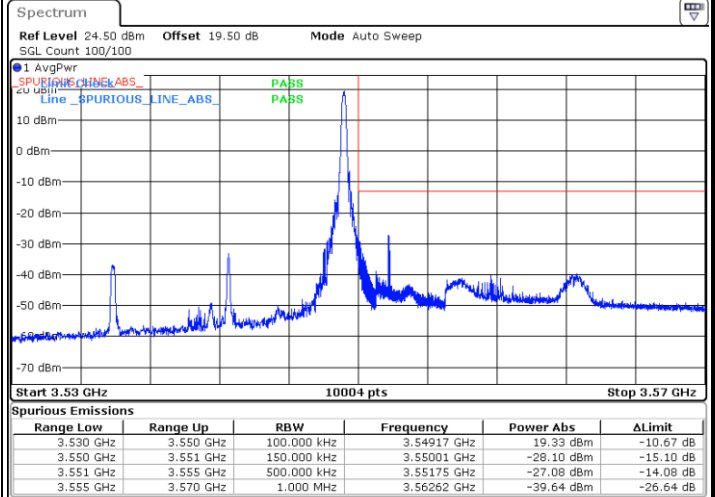
LTE Band 42 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



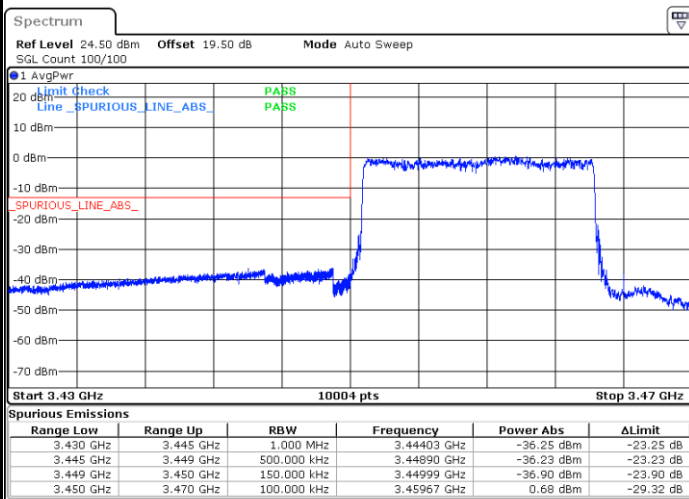
Date: 2.DEC.2021 14:07:36

Highest Band Edge / 1 RB



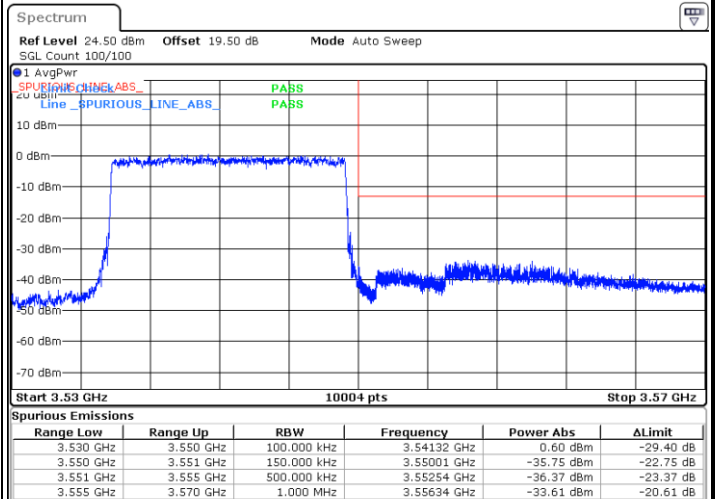
Date: 2.DEC.2021 15:34:17

Lowest Band Edge / Full RB



Date: 2.DEC.2021 14:06:23

Highest Band Edge / Full RB

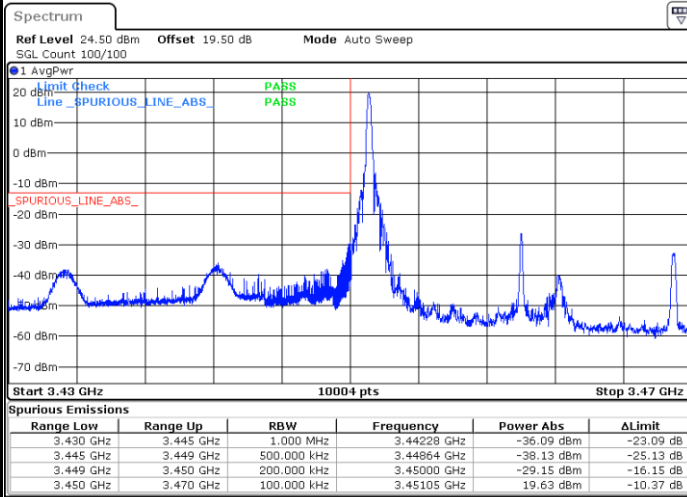


Date: 2.DEC.2021 14:11:35

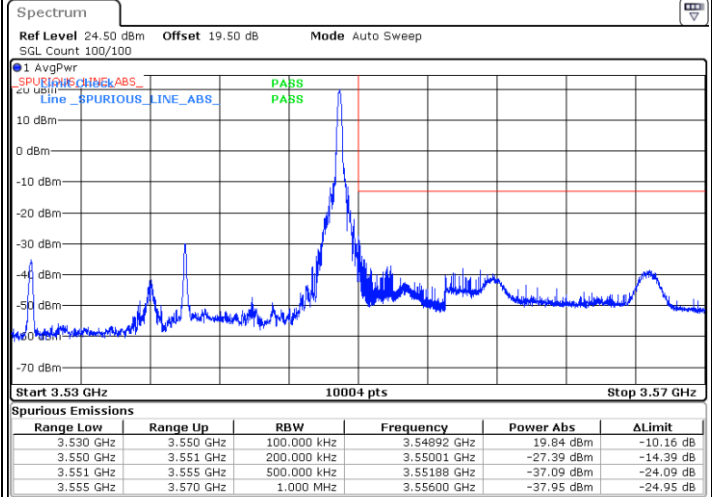


LTE Band 42 / 20MHz / QPSK

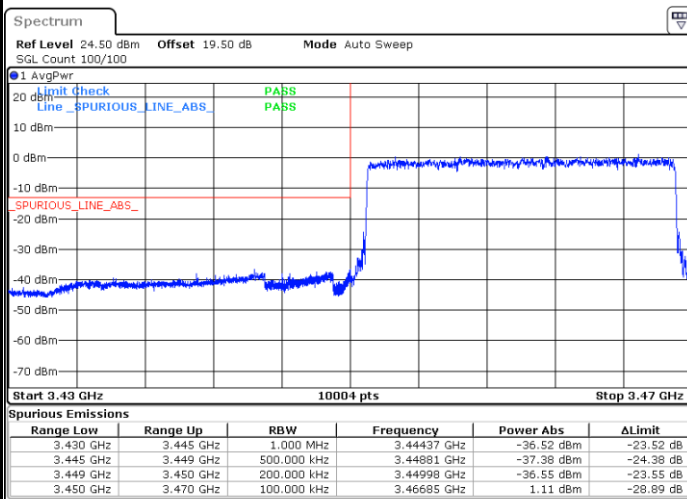
Lowest Band Edge / 1 RB



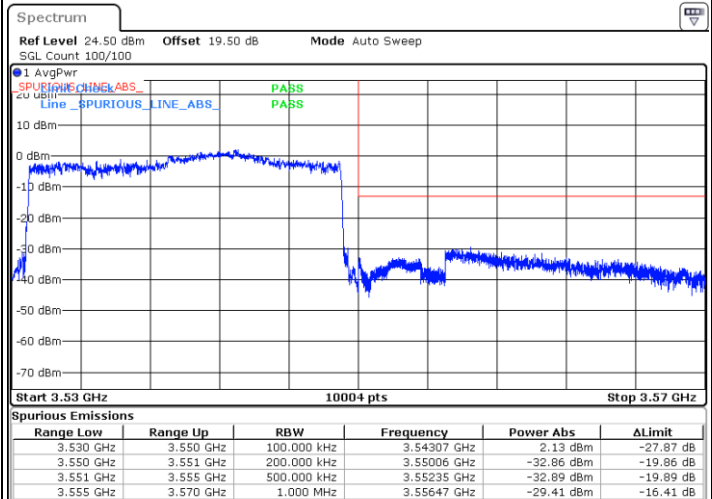
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



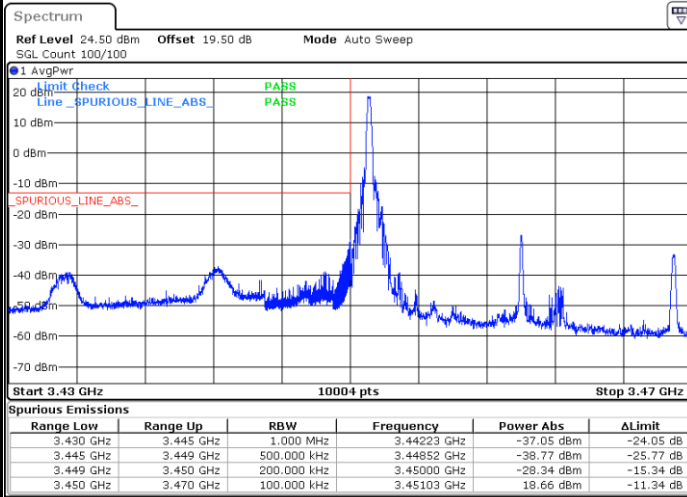
Highest Band Edge / Full RB



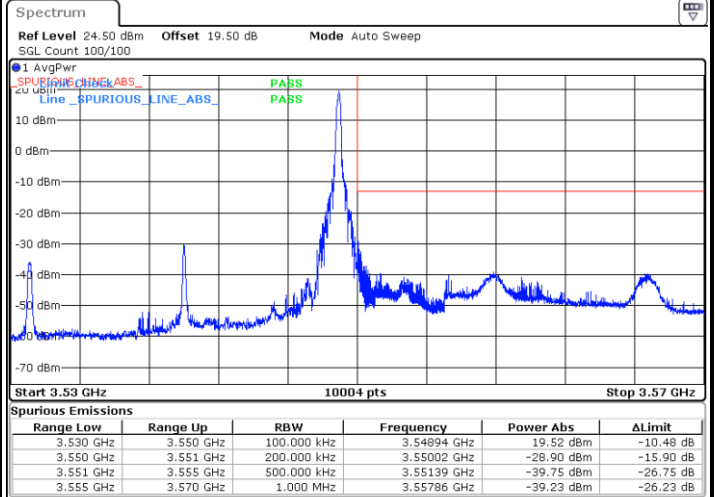


LTE Band 42 / 20MHz / 16QAM

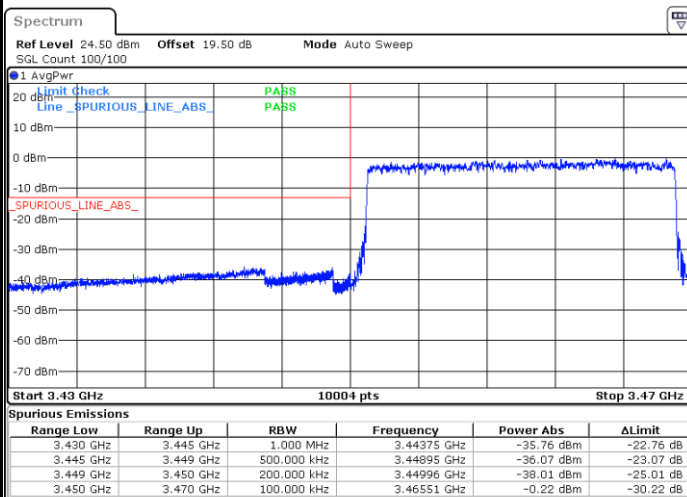
Lowest Band Edge / 1 RB



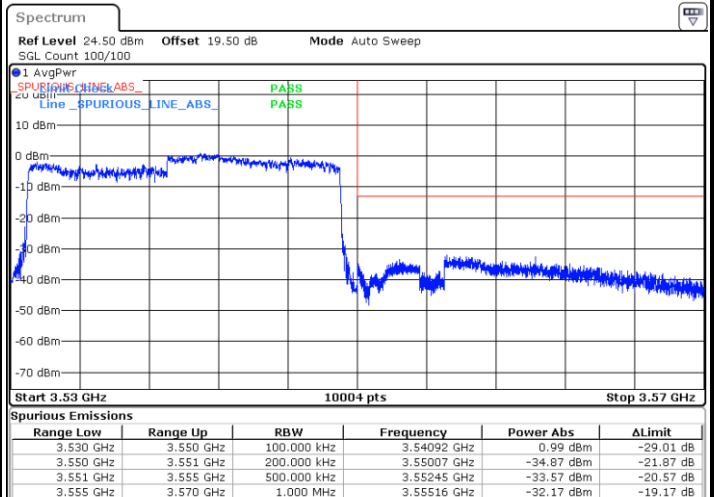
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



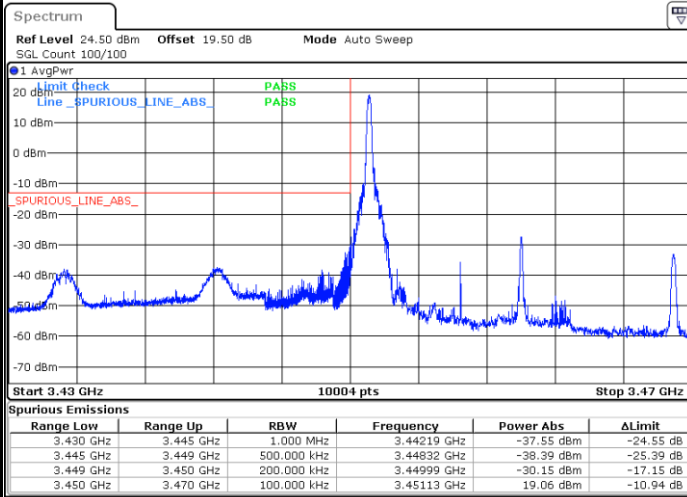
Highest Band Edge / Full RB





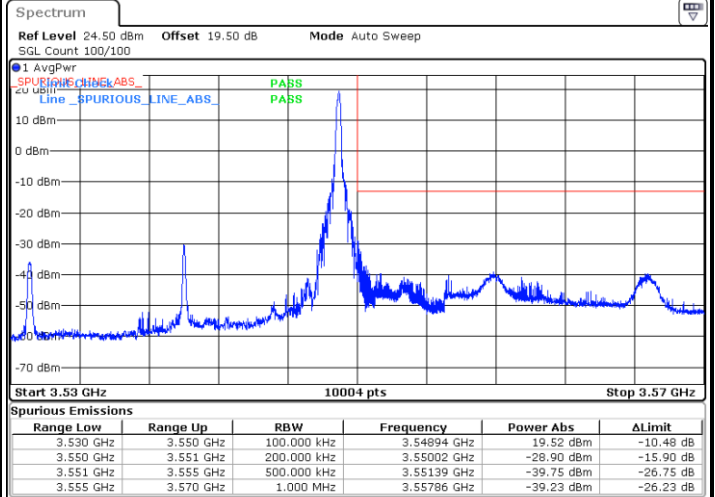
LTE Band 42 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



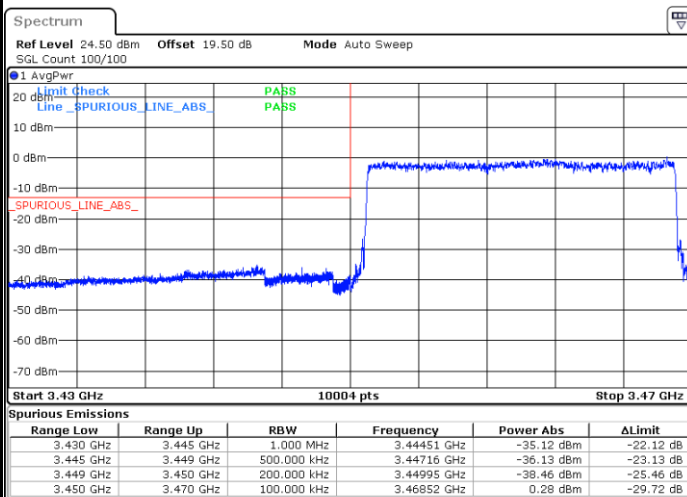
Date: 2.DEC.2021 14:32:39

Highest Band Edge / 1 RB



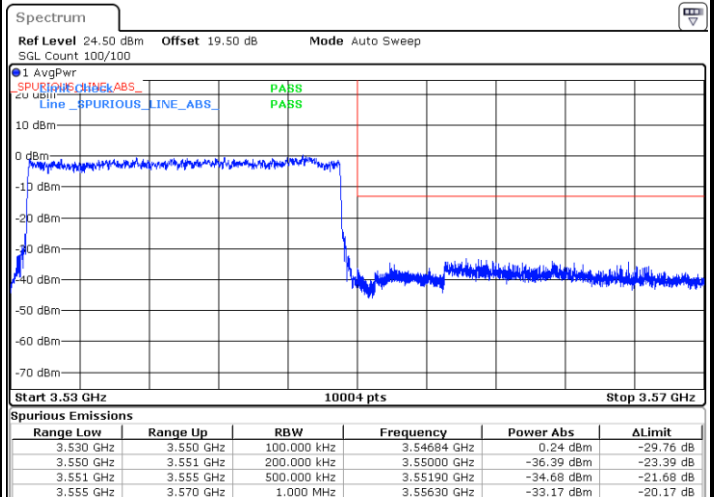
Date: 2.DEC.2021 14:38:33

Lowest Band Edge / Full RB



Date: 2.DEC.2021 14:30:58

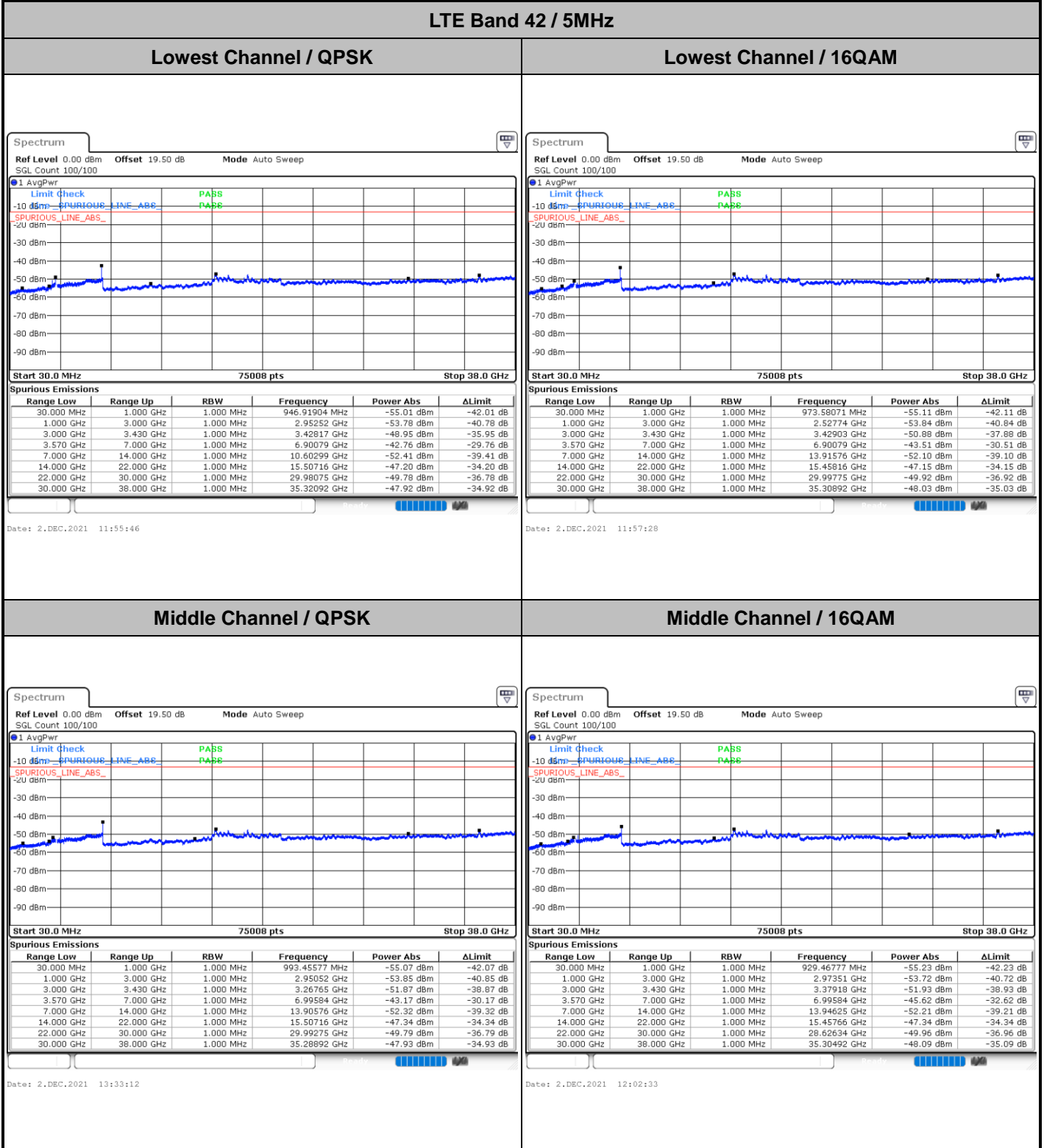
Highest Band Edge / Full RB



Date: 2.DEC.2021 14:37:05



Conducted Spurious Emission

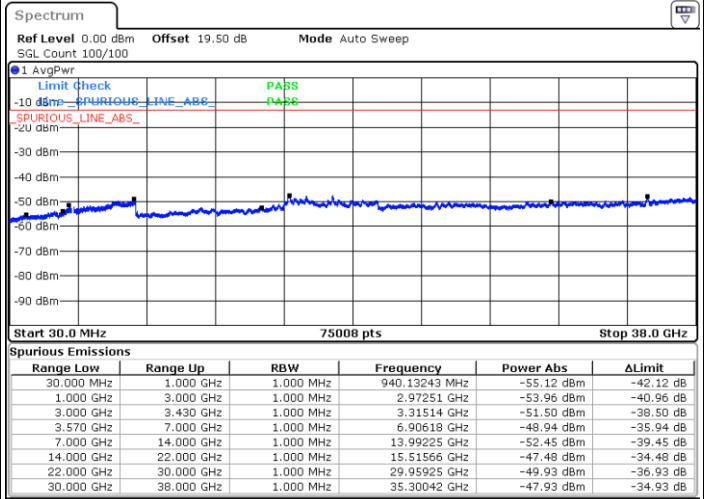
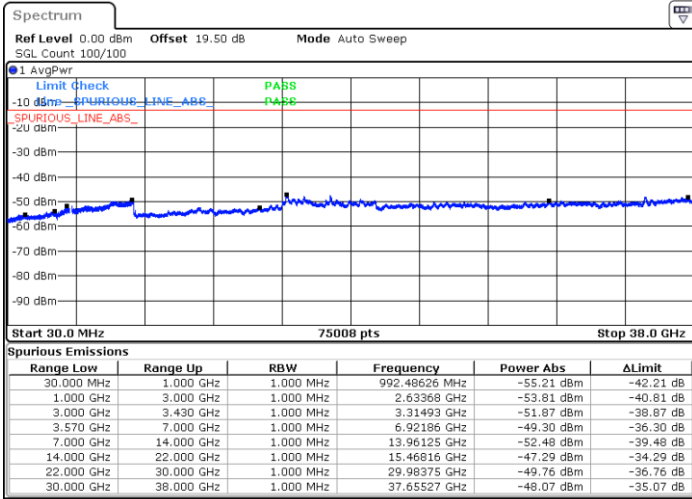




LTE Band 42 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



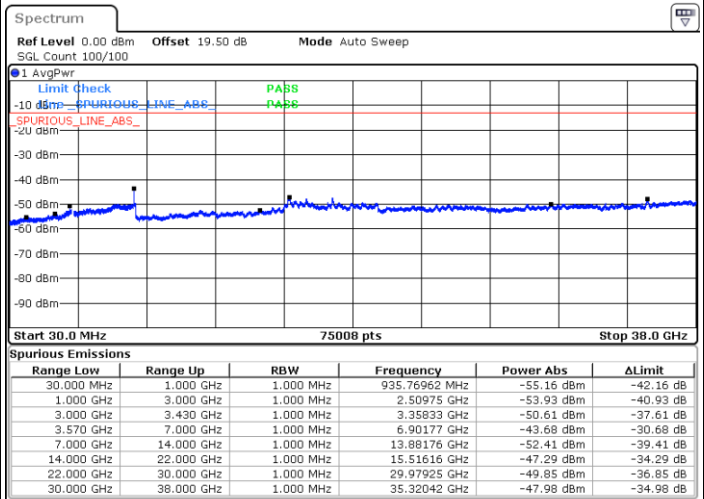
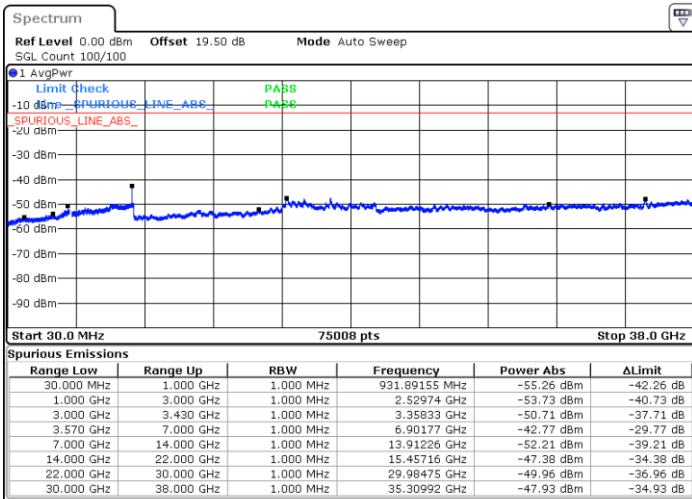
Date: 2.DEC.2021 13:35:09

Date: 2.DEC.2021 13:36:18

LTE Band 42 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 2.DEC.2021 13:47:48

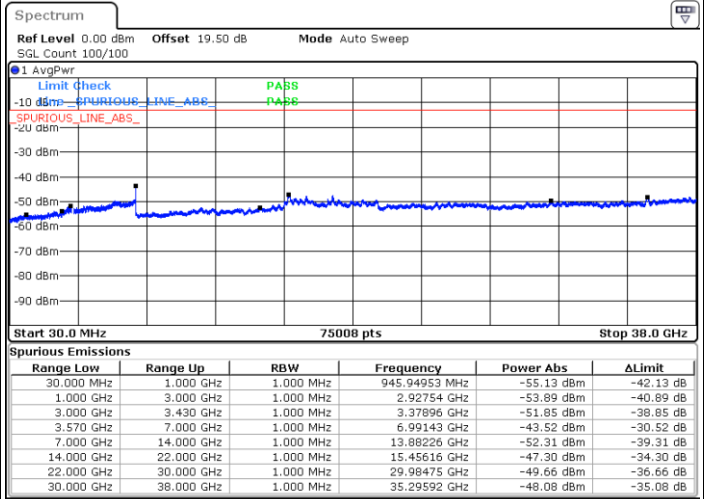
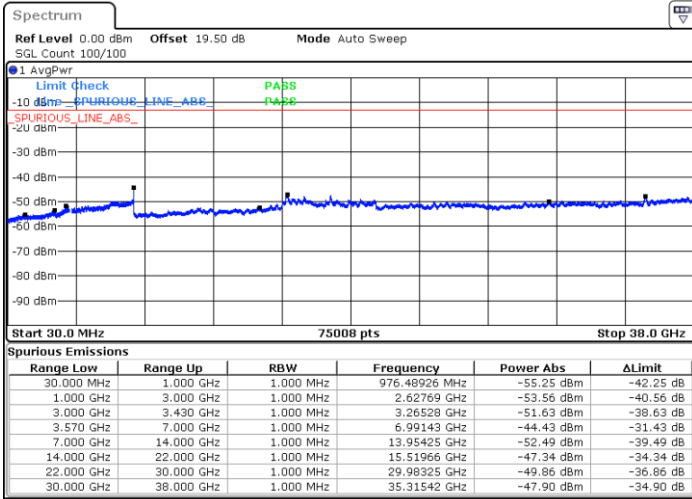
Date: 2.DEC.2021 13:50:44



LTE Band 42 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

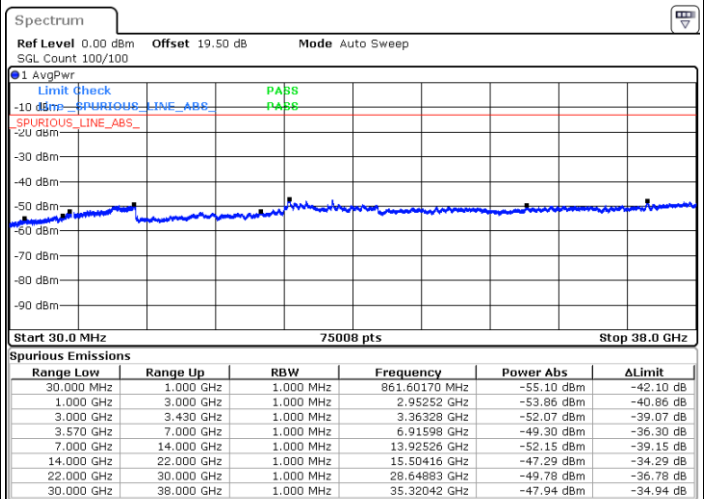
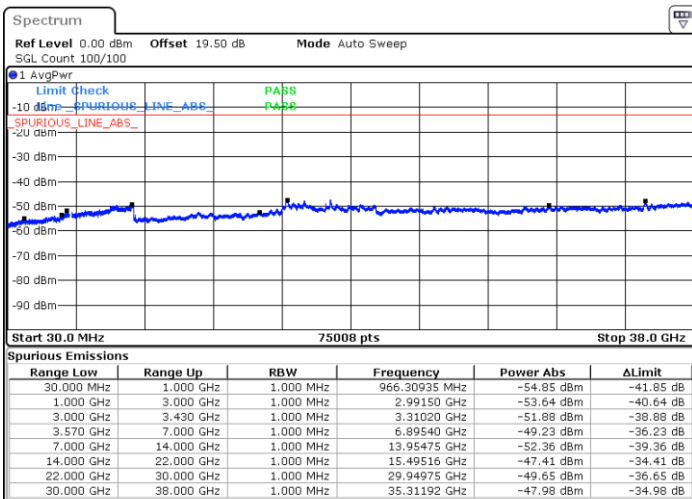


Date: 2.DEC.2021 13:57:06

Date: 2.DEC.2021 13:55:18

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 2.DEC.2021 13:58:50

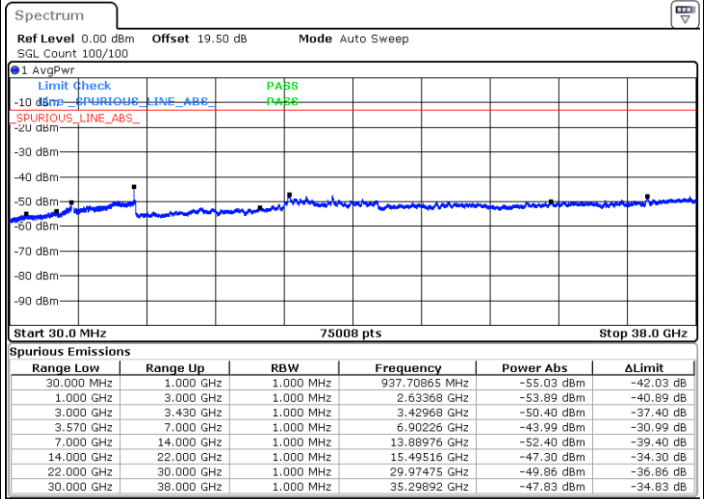
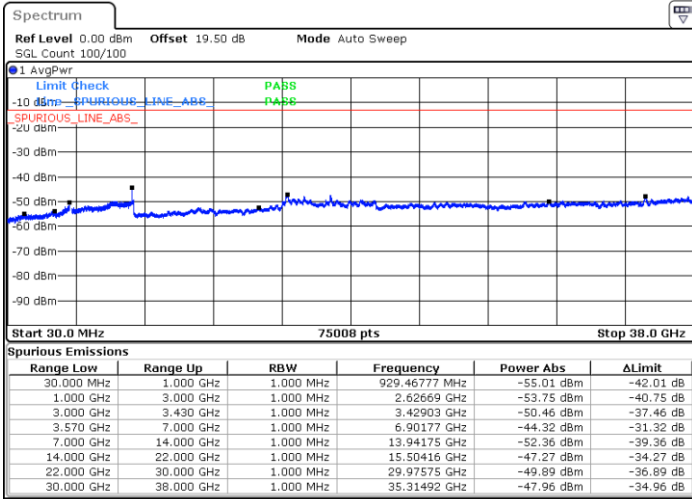
Date: 2.DEC.2021 13:59:59



LTE Band 42 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

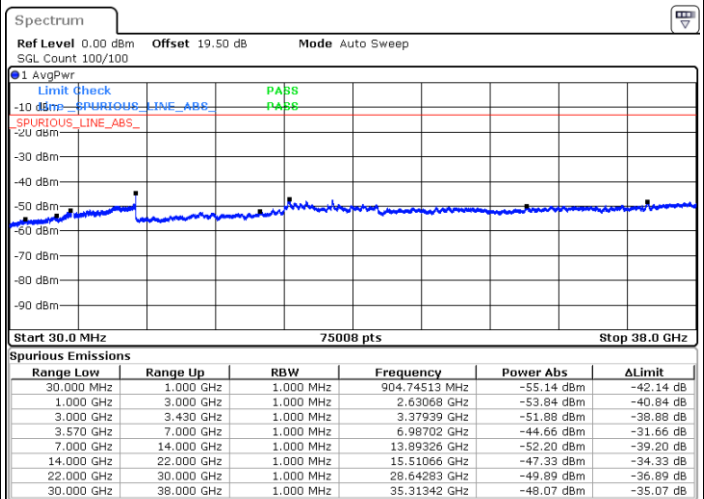
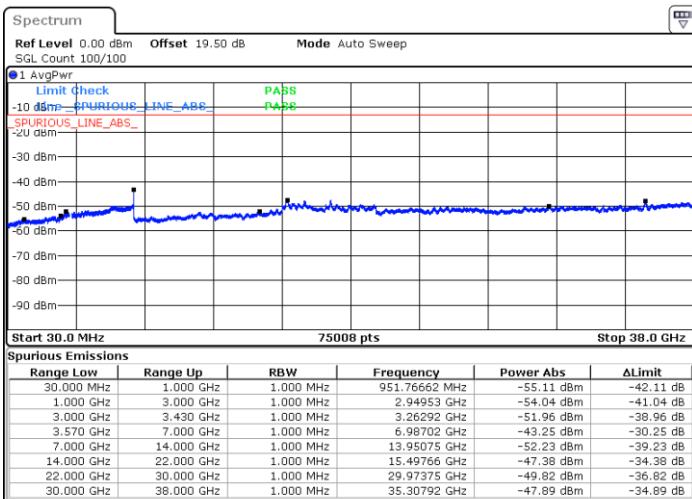


Date: 2.DEC.2021 14:17:21

Date: 2.DEC.2021 14:15:46

Middle Channel / QPSK

Middle Channel / 16QAM



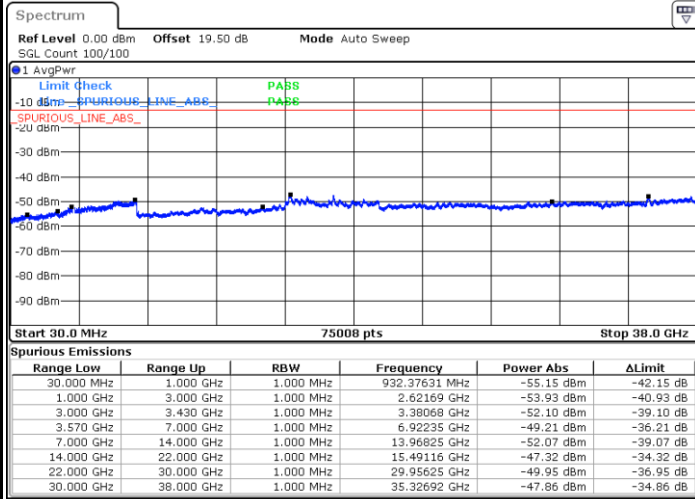
Date: 2.DEC.2021 14:19:12

Date: 2.DEC.2021 14:20:40



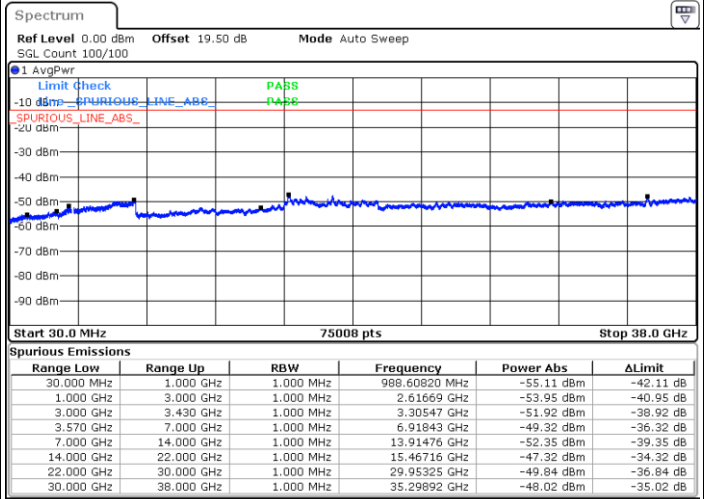
LTE Band 7 / 15MHz

Highest Channel / QPSK



Date: 2.DEC.2021 14:27:05

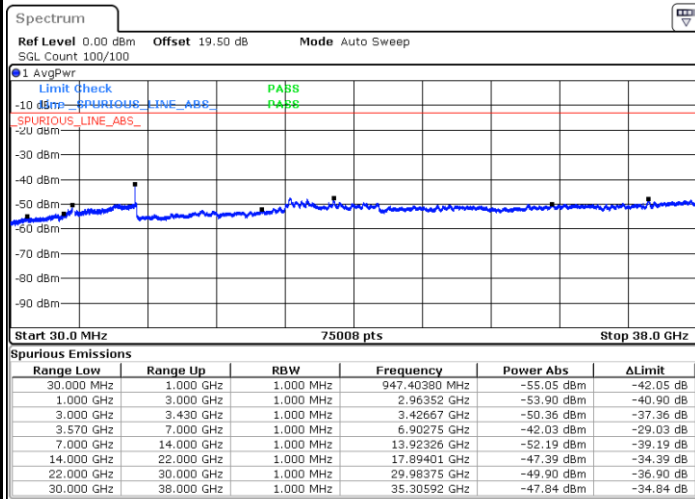
Highest Channel / 16QAM



Date: 2.DEC.2021 14:25:21

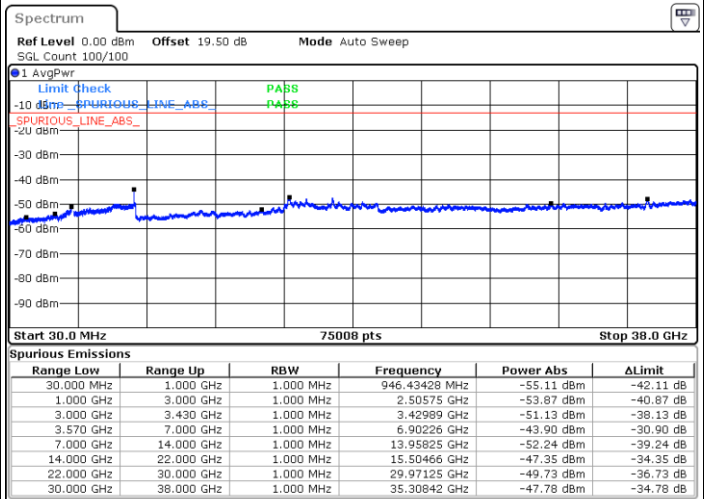
LTE Band 42 / 20MHz

Lowest Channel / QPSK



Date: 2.DEC.2021 14:42:21

Lowest Channel / 16QAM



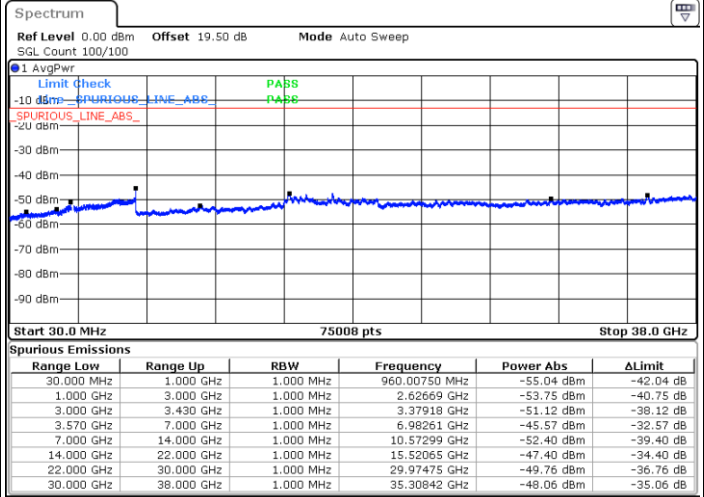
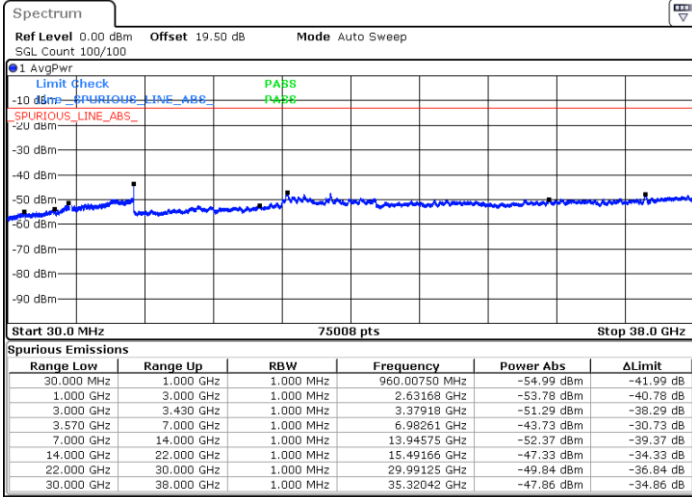
Date: 2.DEC.2021 14:43:43



LTE Band 42 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

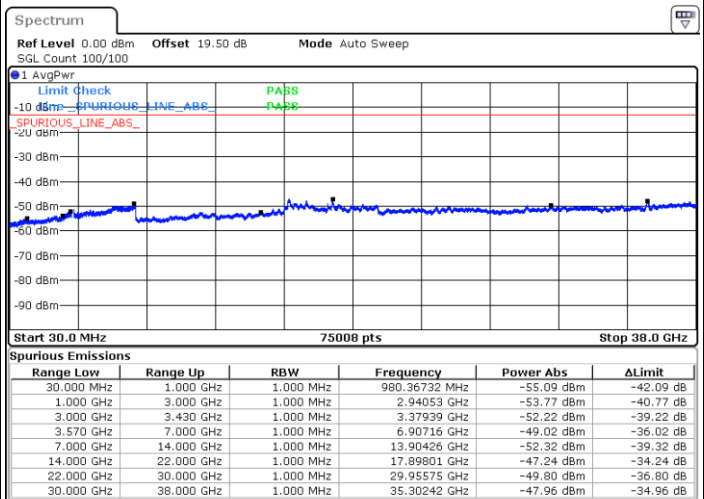
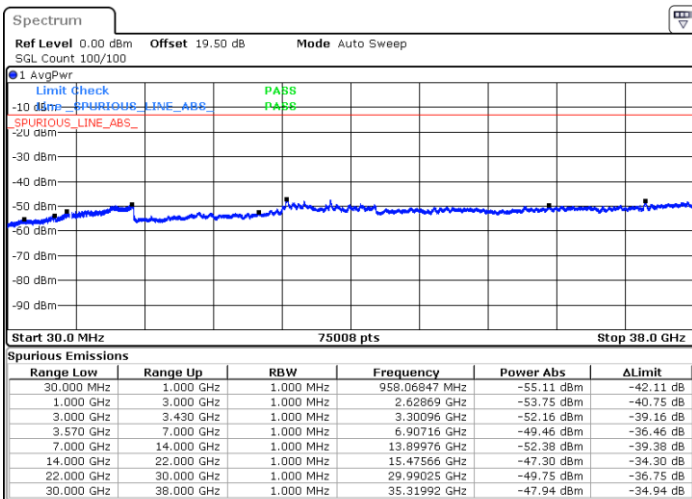


Date: 2.DEC.2021 14:49:42

Date: 2.DEC.2021 14:48:25

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 2.DEC.2021 14:51:08

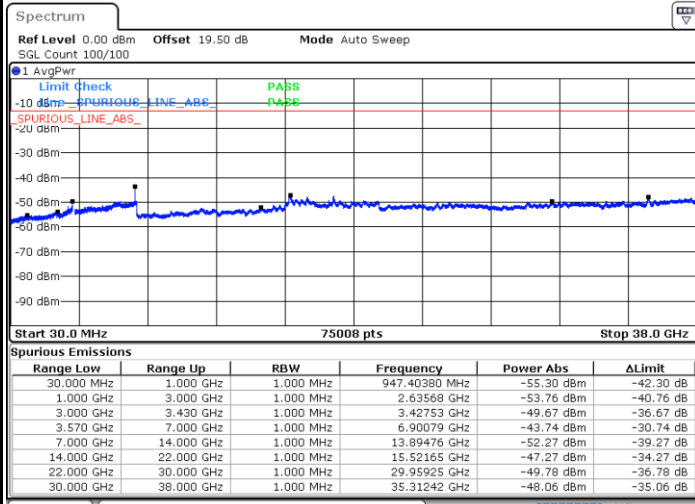
Date: 2.DEC.2021 14:52:26



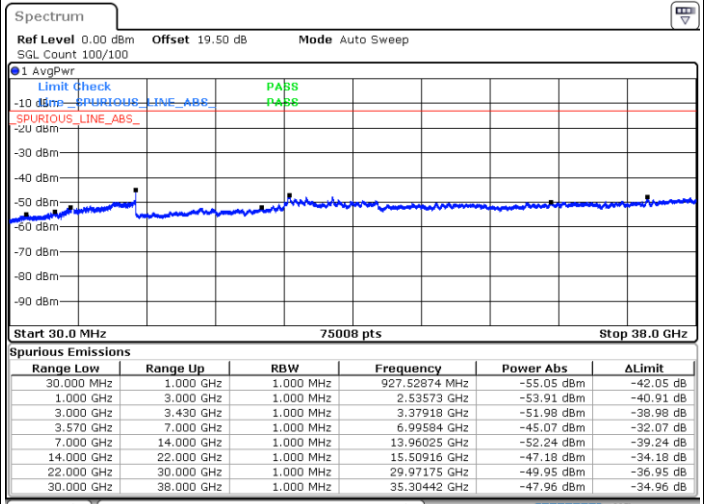
LTE Band 42 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

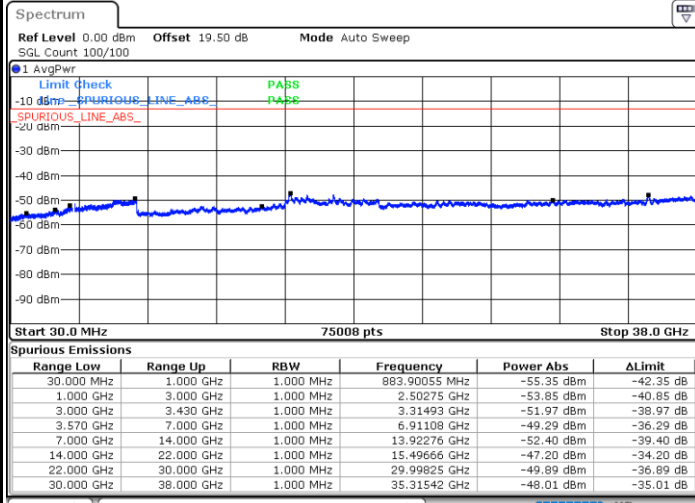


Date: 2.DEC.2021 11:58:51



Date: 2.DEC.2021 12:01:25

Highest Channel / 64QAM

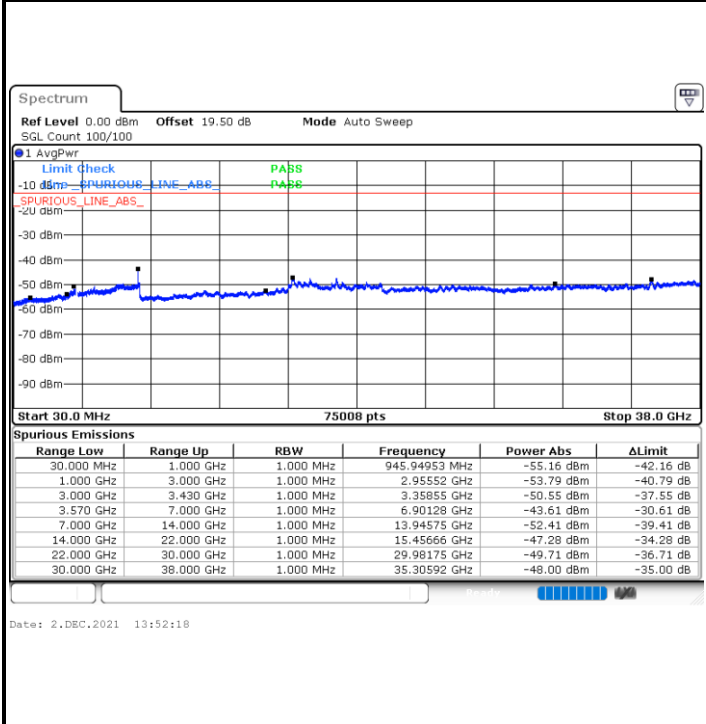


Date: 2.DEC.2021 13:37:26

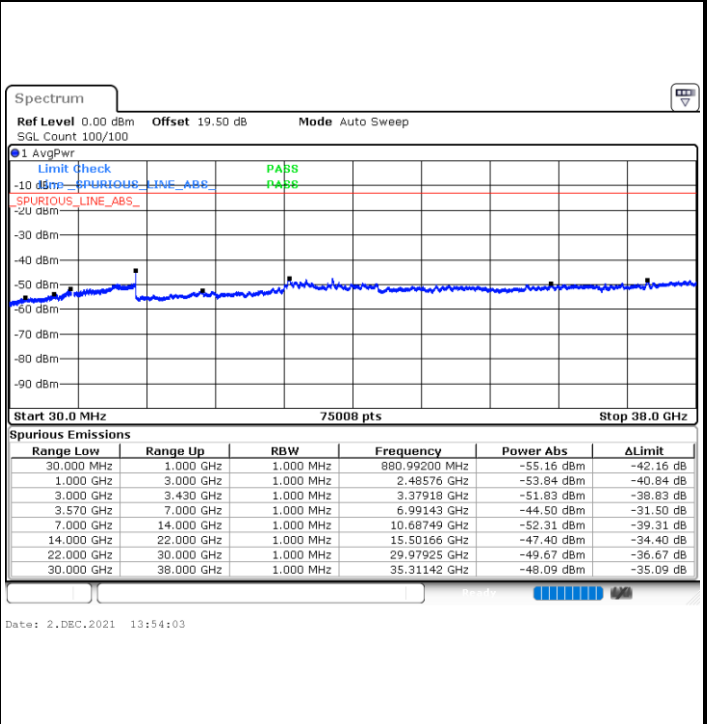


LTE Band 42 / 10MHz

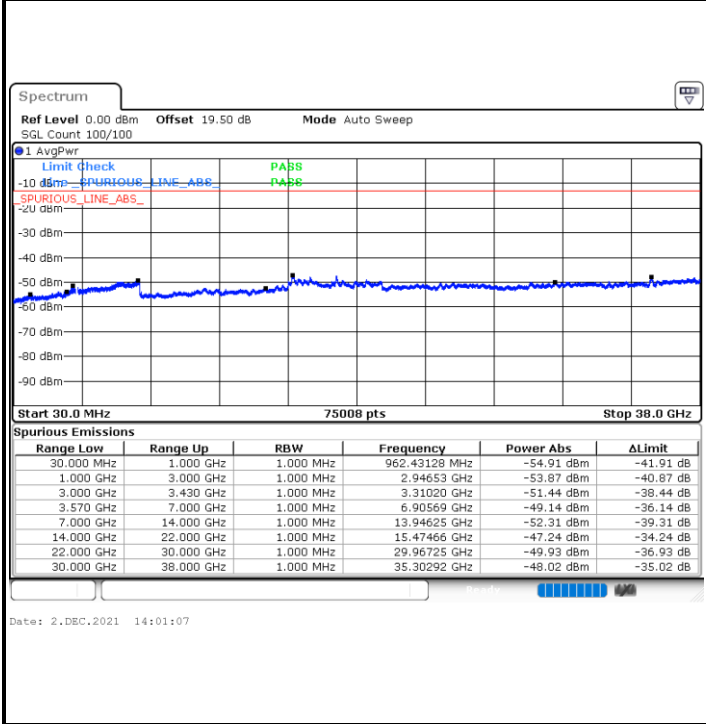
Lowest Channel / 64QAM



Middle Channel / 64QAM



Highest Channel / 64QAM

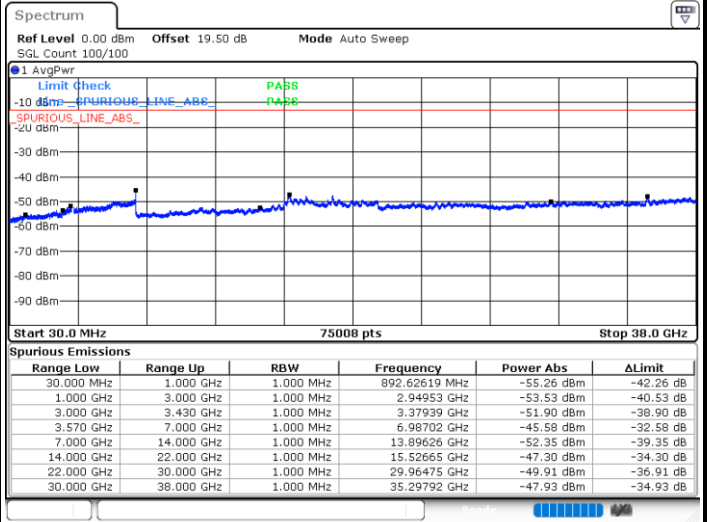
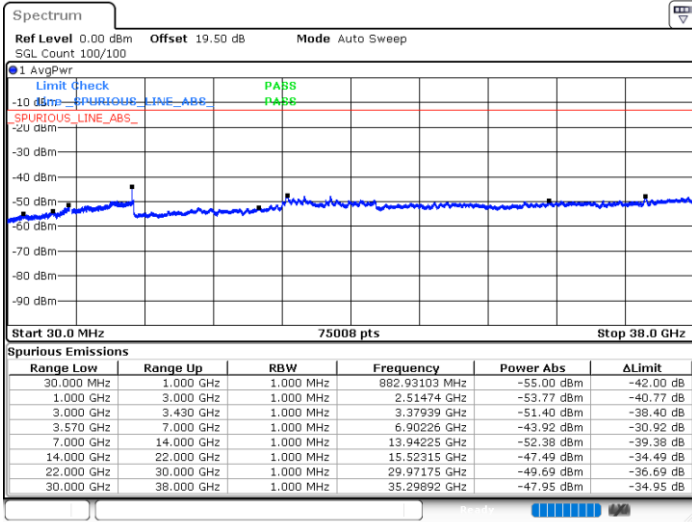




LTE Band 42 / 15MHz

Lowest Channel / 64QAM

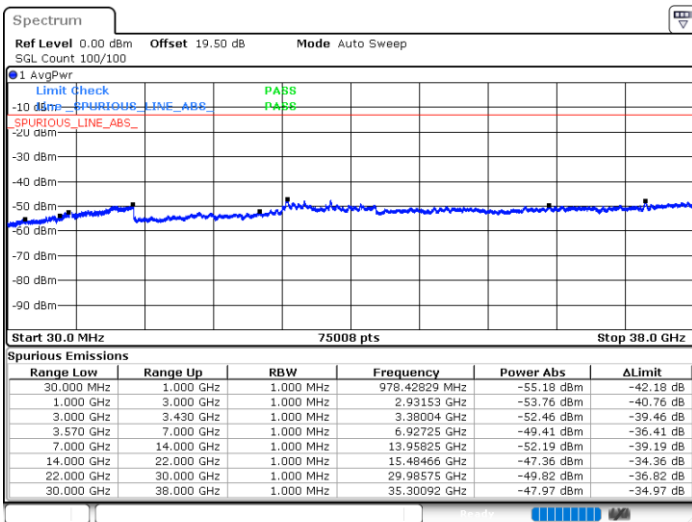
Middle Channel / 64QAM



Date: 2.DEC.2021 14:14:18

Date: 2.DEC.2021 14:22:10

Highest Channel / 64QAM



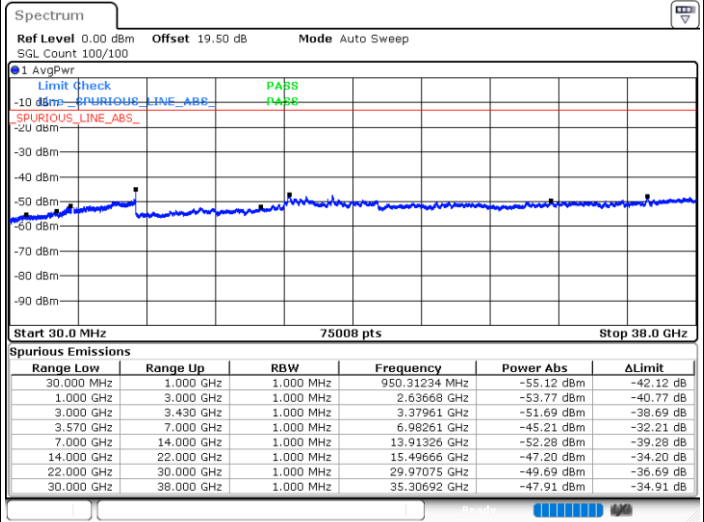
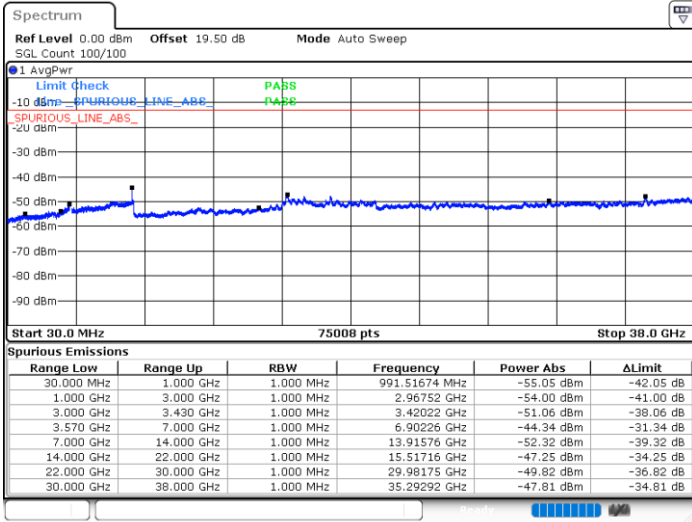
Date: 2.DEC.2021 14:23:49



LTE Band 42 / 20MHz

Lowest Channel / 64QAM

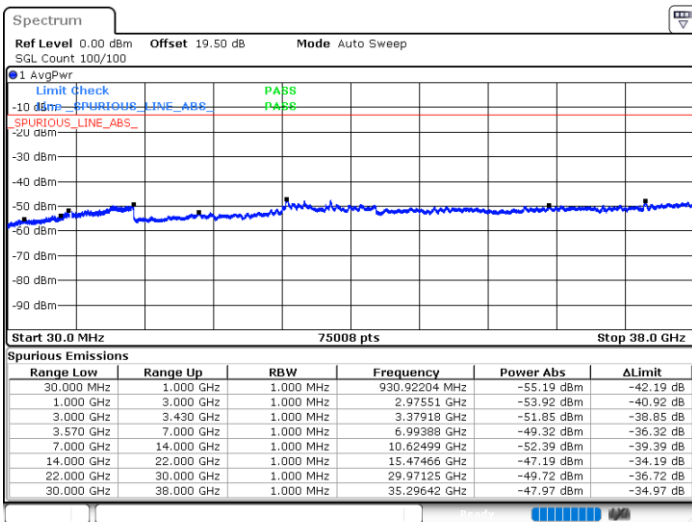
Middle Channel / 64QAM



Date: 2.DEC.2021 14:45:04

Date: 2.DEC.2021 14:46:46

Highest Channel / 64QAM



Date: 2.DEC.2021 14:54:09

Frequency Stability

Test Conditions		LTE Band 42 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0014	PASS
40	Normal Voltage	0.0009	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0020	
-10	Normal Voltage	0.0008	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0001	
20	High Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Low Voltage	0.0012	

Note:

1. Normal Voltage =3.3 V. ; Low Voltage =3.135 V. ; High Voltage =4.4 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Shunping You	Temperature :	22~25°C
		Relative Humidity :	48~52%

LTE Band 42 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	6982.00	-56.22	-25	-31.22	-55.07	-61.78	7.14	12.70	H
	10473.00	-53.29	-25	-28.29	-57.54	-56.59	8.30	11.60	H
	13964.00	-51.21	-25	-26.21	-59.77	-52.73	10.48	12.00	H
	6982.00	-50.53	-25	-25.53	-49.84	-56.09	7.14	12.70	V
	10473.00	-53.92	-25	-28.92	-57.56	-57.22	8.30	11.60	V
	13964.00	-51.52	-25	-26.52	-59.69	-53.04	10.48	12.00	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.