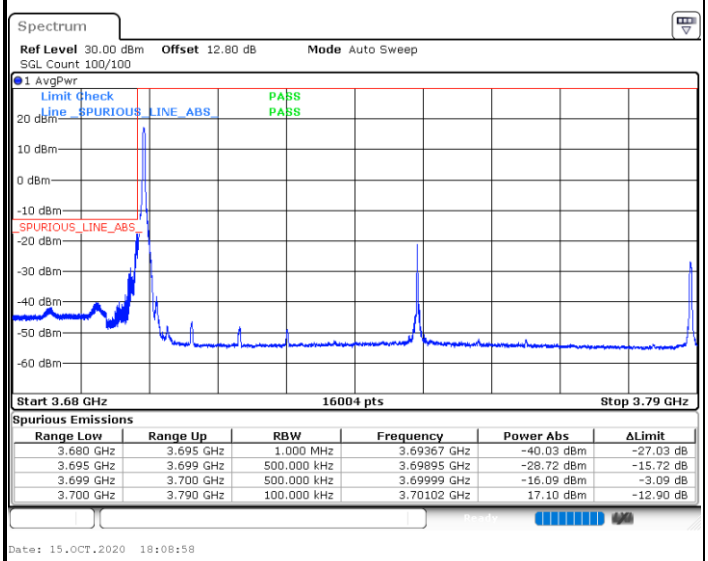
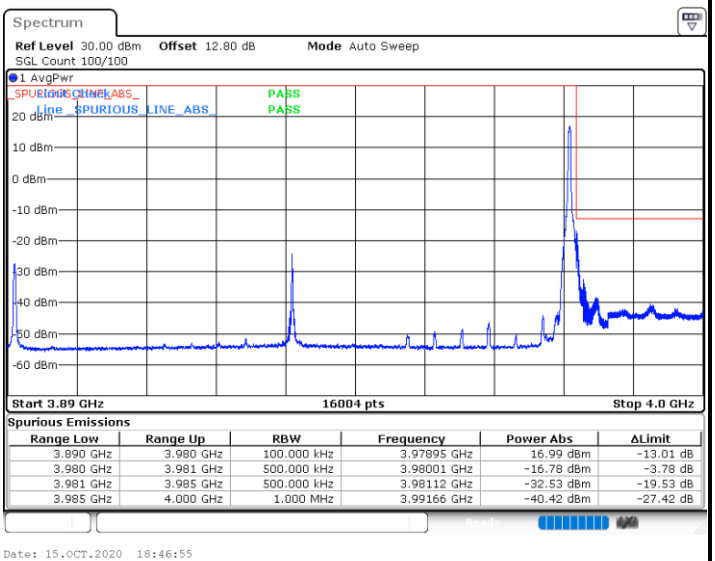
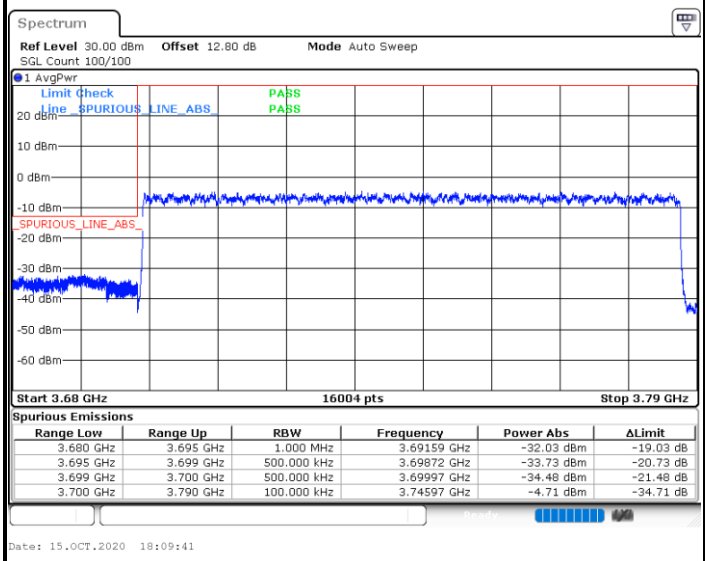
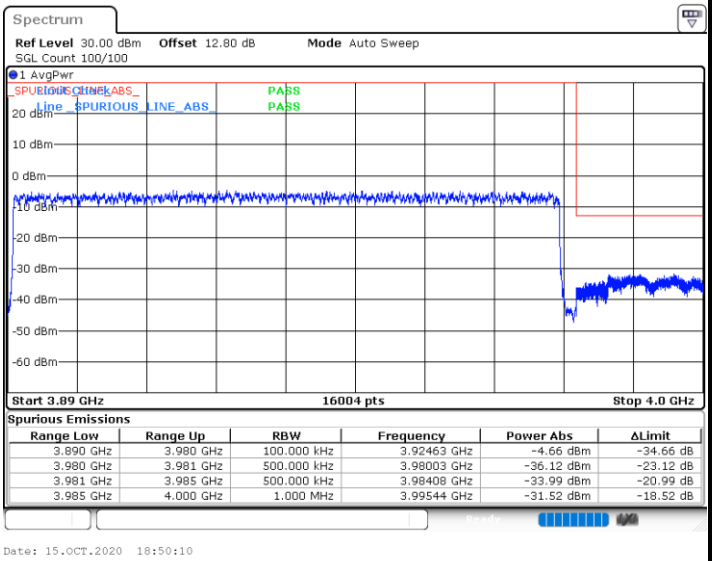
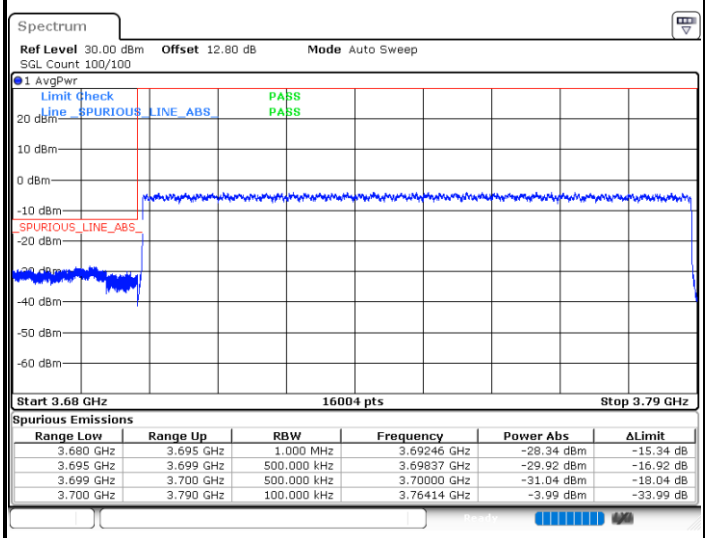
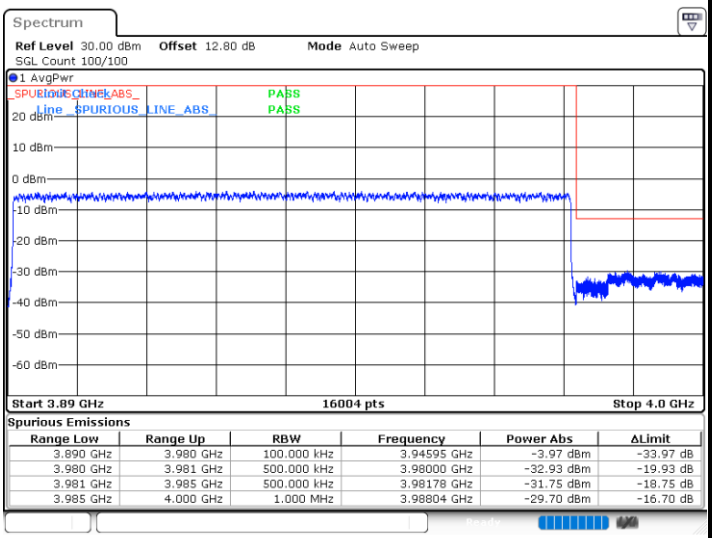
FR1 n77 / 90MHz / DFT-S OFDM / 256QAM	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

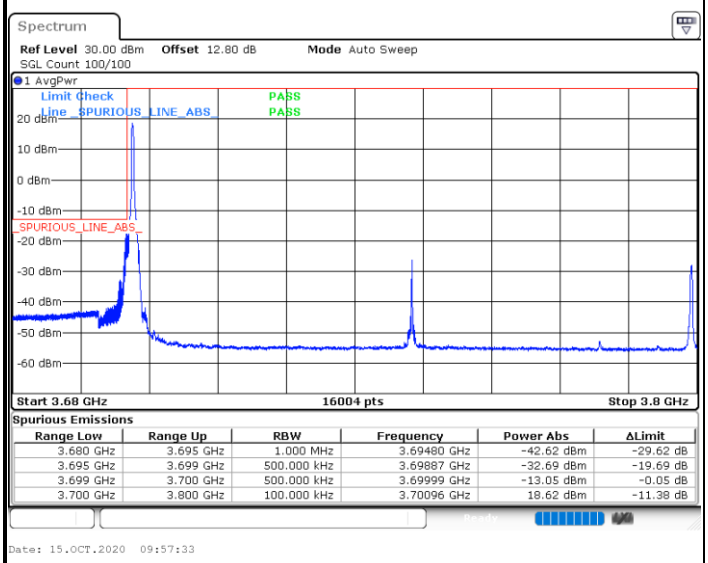
FR1 n77 / 90MHz / CP OFDM / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**





FR1 n77 / 100MHz / DFT-S OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69480 GHz	-42.62 dBm	-29.62 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69887 GHz	-32.69 dBm	-19.69 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69999 GHz	-13.05 dBm	-0.05 dB
3.700 GHz	3.800 GHz	100.000 kHz	3.70096 GHz	18.62 dBm	-11.38 dB

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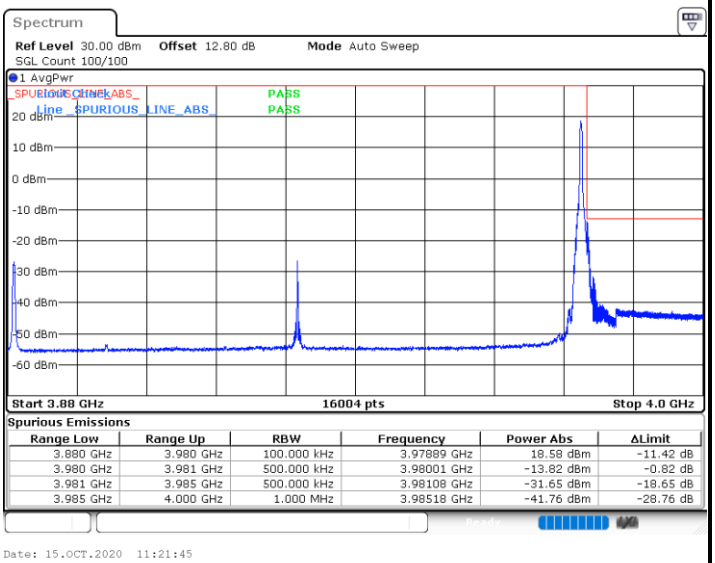
Highest Band Edge / 1RBmax

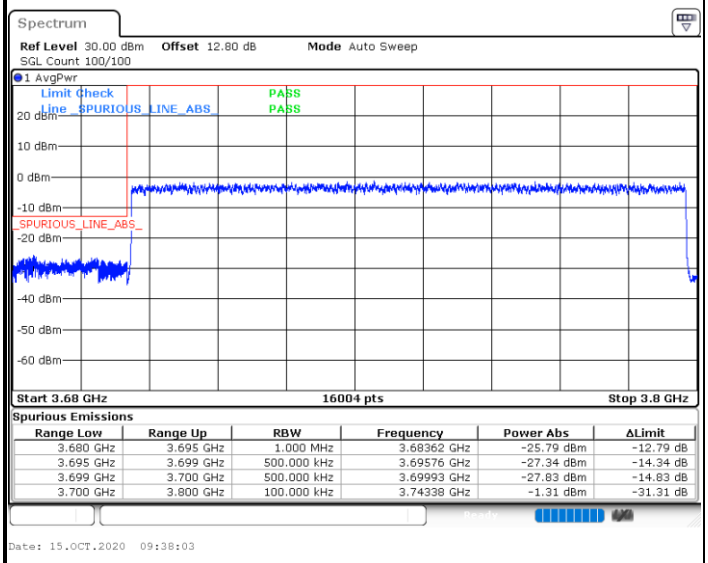


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.880 GHz	3.980 GHz	100.000 kHz	3.97889 GHz	18.58 dBm	-11.42 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98001 GHz	-13.82 dBm	-0.82 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98108 GHz	-31.65 dBm	-18.65 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98518 GHz	-41.76 dBm	-28.76 dB

Date: 15.OCT.2020 11:21:45

Lowest Band Edge / Full RB

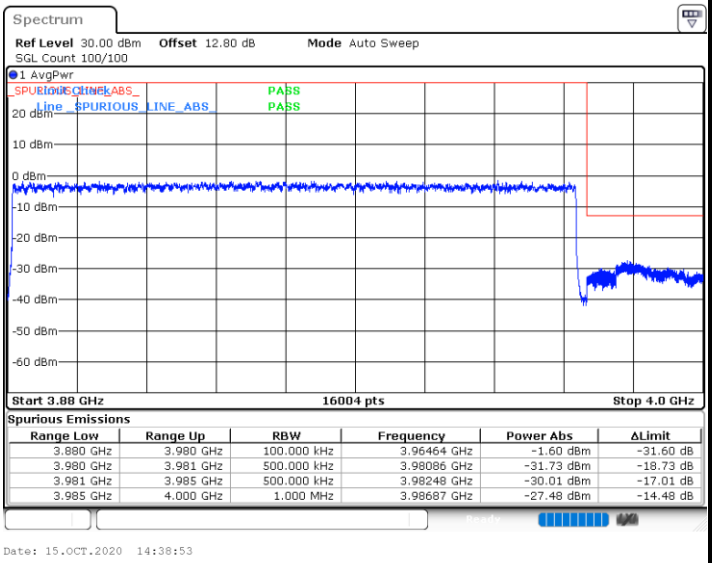


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.68362 GHz	-25.79 dBm	-12.79 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69576 GHz	-27.34 dBm	-14.34 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69993 GHz	-27.83 dBm	-14.83 dB
3.700 GHz	3.800 GHz	100.000 kHz	3.74338 GHz	-1.31 dBm	-31.31 dB

Date: 15.OCT.2020 09:38:03

Highest Band Edge / Full RB



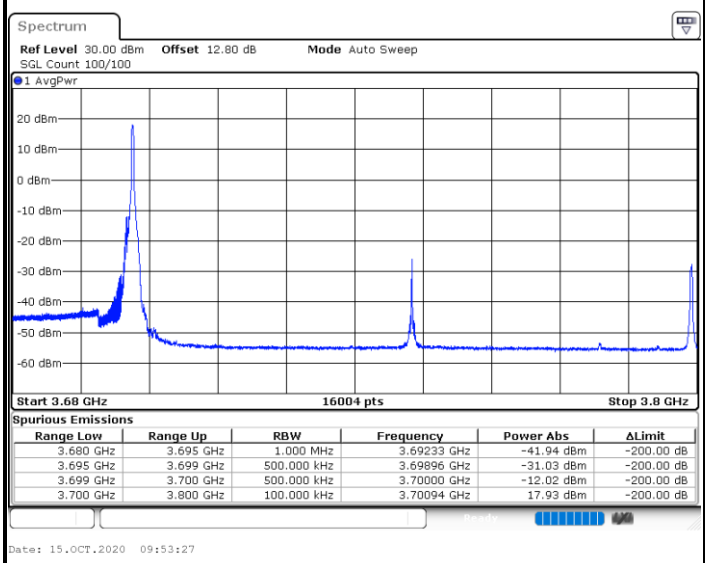
Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.880 GHz	3.980 GHz	100.000 kHz	3.96464 GHz	-1.60 dBm	-31.60 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98086 GHz	-31.73 dBm	-18.73 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98248 GHz	-30.01 dBm	-17.01 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98687 GHz	-27.48 dBm	-14.48 dB

Date: 15.OCT.2020 14:38:53

FR1 n77 / 100MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

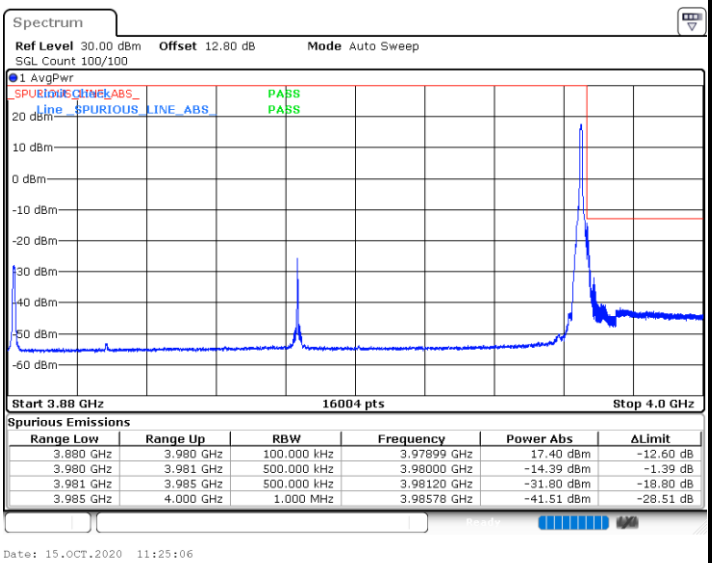


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.69233 GHz	-41.94 dBm	-200.00 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69896 GHz	-31.03 dBm	-200.00 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.70000 GHz	-12.02 dBm	-200.00 dB
3.700 GHz	3.800 GHz	100.000 kHz	3.70094 GHz	17.93 dBm	-200.00 dB

Date: 15.OCT.2020 09:53:27

Highest Band Edge / 1RBmax

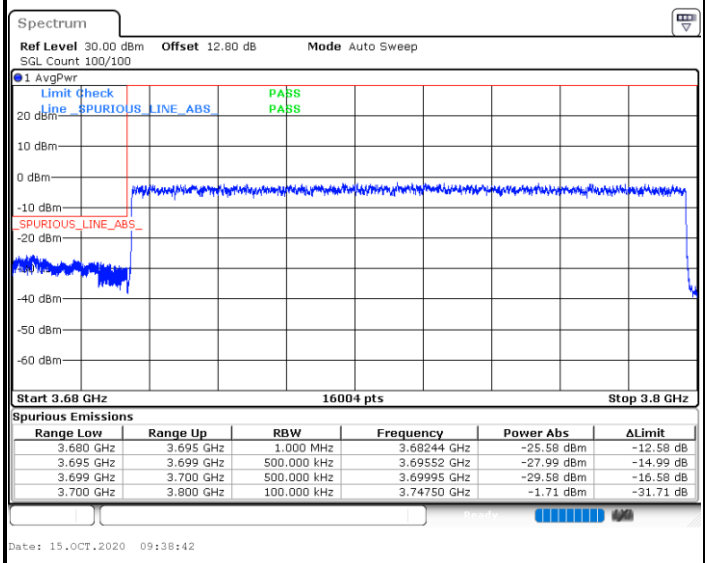


Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.880 GHz	3.980 GHz	100.000 kHz	3.97899 GHz	17.40 dBm	-12.60 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98000 GHz	-14.39 dBm	-1.39 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98120 GHz	-31.80 dBm	-18.80 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98578 GHz	-41.51 dBm	-28.51 dB

Date: 15.OCT.2020 11:25:06

Lowest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.680 GHz	3.695 GHz	1.000 MHz	3.68244 GHz	-25.58 dBm	-12.58 dB
3.695 GHz	3.699 GHz	500.000 kHz	3.69552 GHz	-27.99 dBm	-14.99 dB
3.699 GHz	3.700 GHz	500.000 kHz	3.69995 GHz	-29.58 dBm	-16.58 dB
3.700 GHz	3.800 GHz	100.000 kHz	3.74750 GHz	-1.71 dBm	-31.71 dB

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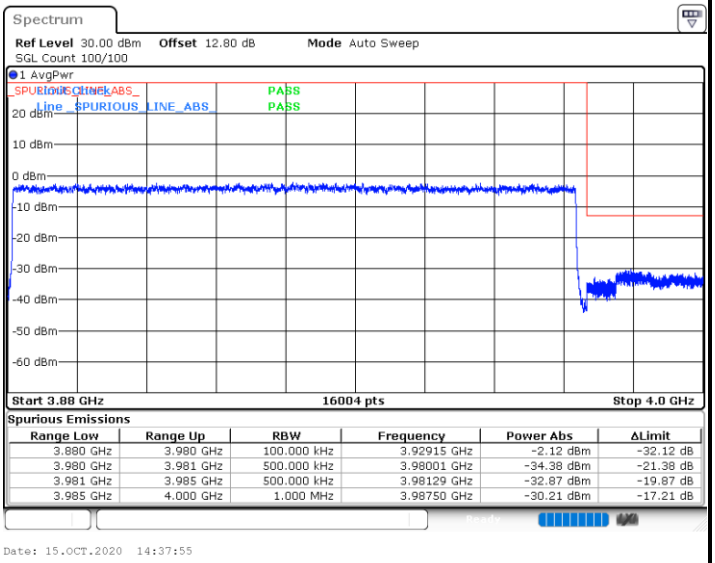
Highest Band Edge / Full RB



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
3.880 GHz	3.980 GHz	100.000 kHz	3.92915 GHz	-2.12 dBm	-32.12 dB
3.980 GHz	3.981 GHz	500.000 kHz	3.98001 GHz	-34.38 dBm	-21.38 dB
3.981 GHz	3.985 GHz	500.000 kHz	3.98129 GHz	-32.87 dBm	-19.87 dB
3.985 GHz	4.000 GHz	1.000 MHz	3.98750 GHz	-30.21 dBm	-17.21 dB

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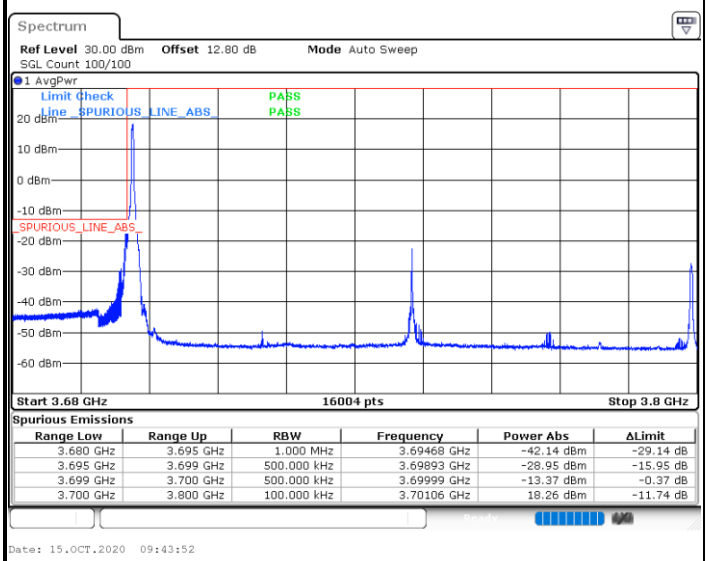
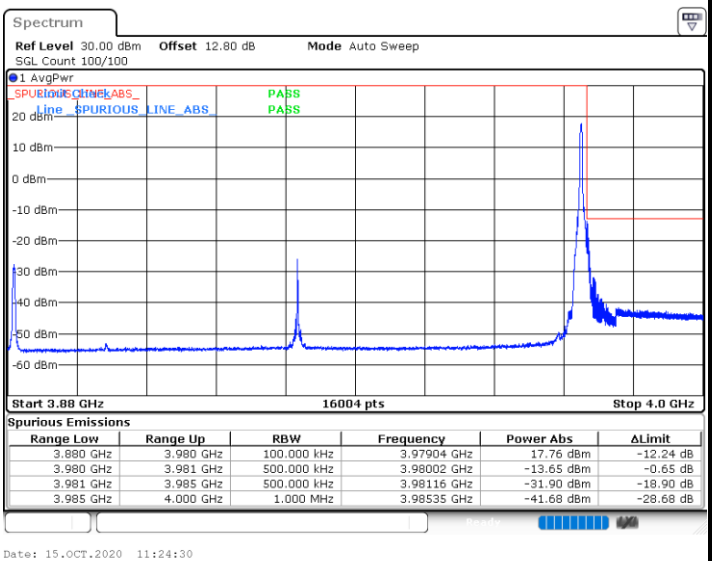
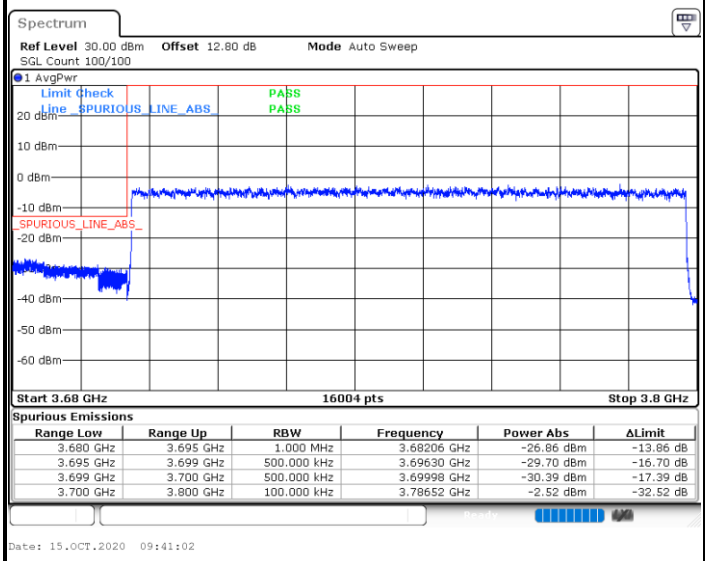
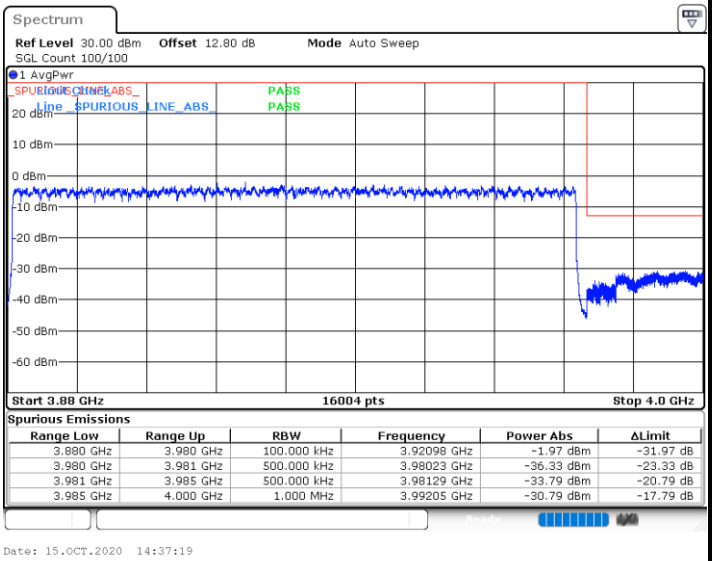
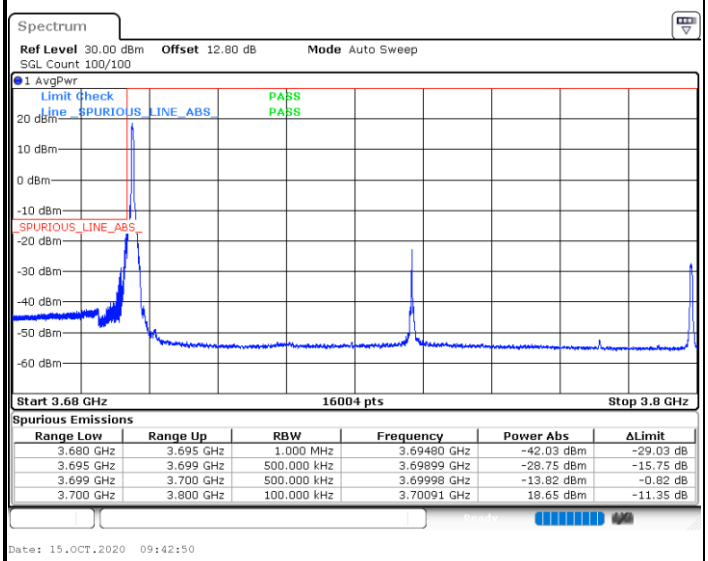
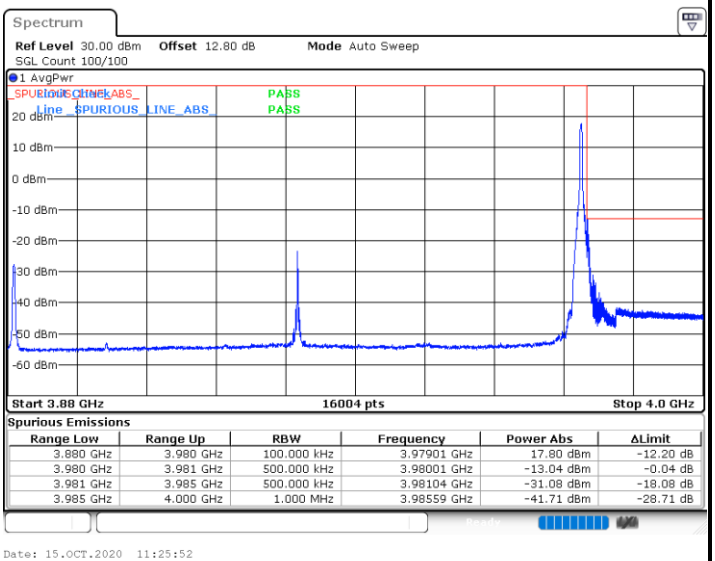
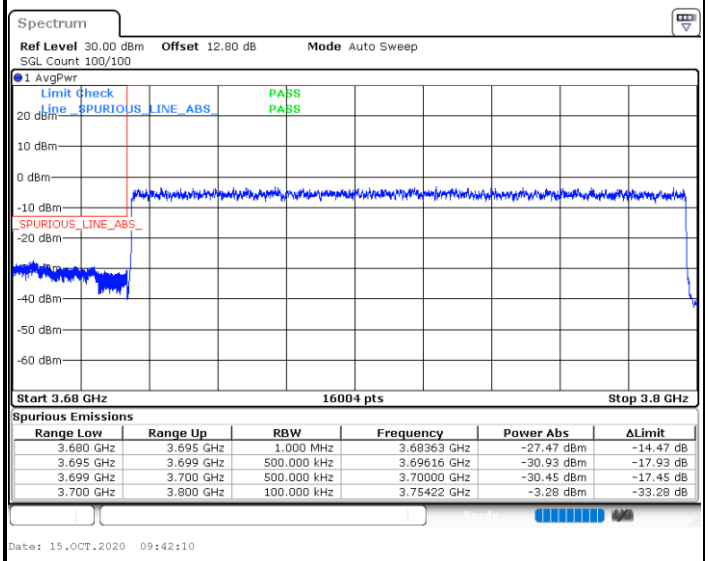
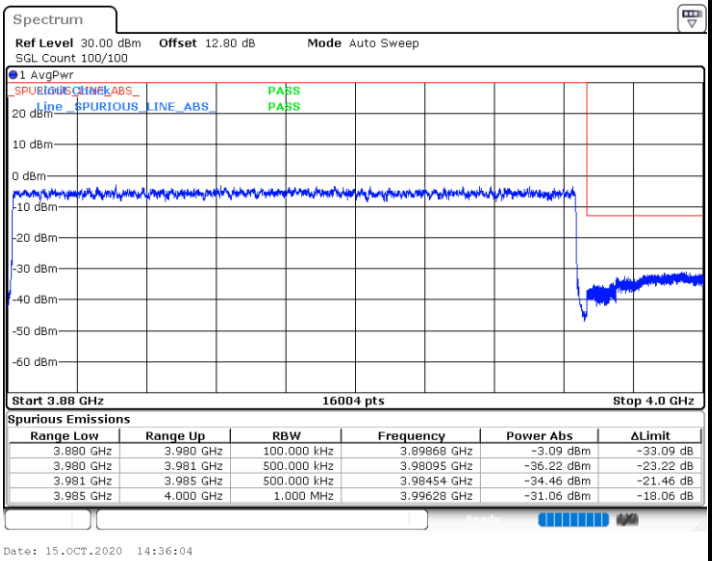
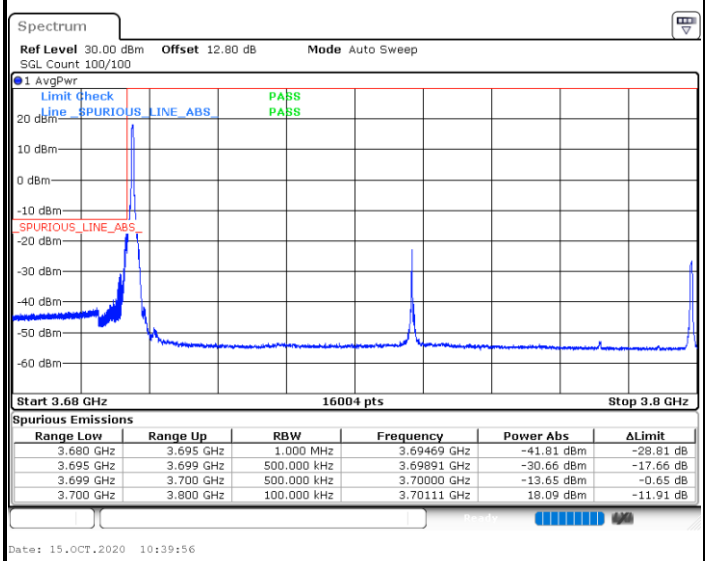
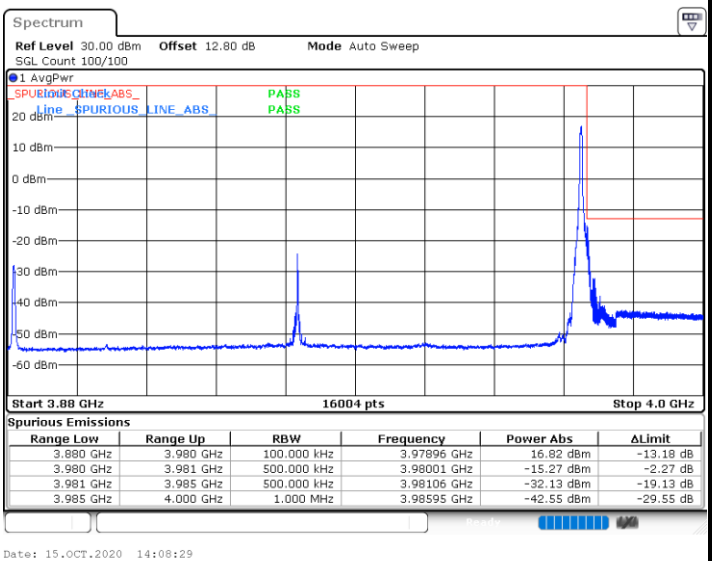
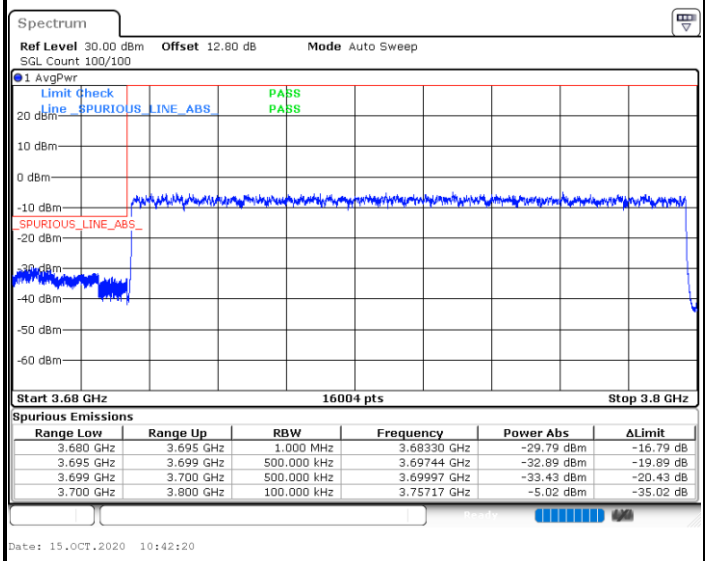
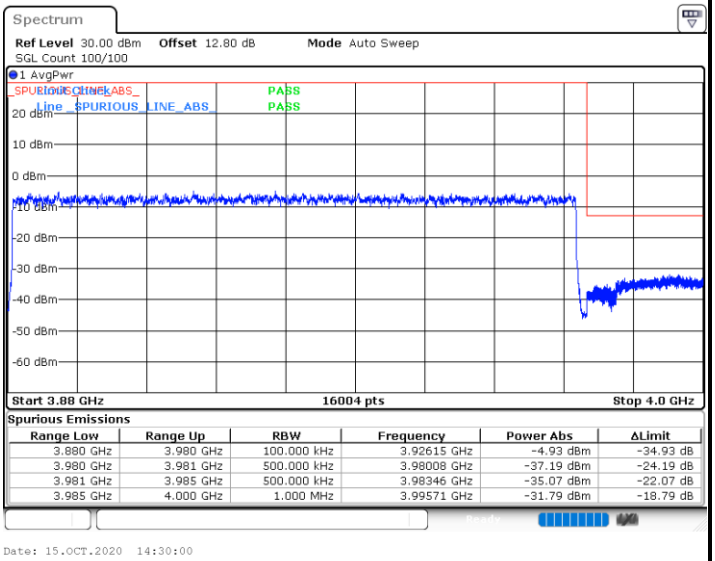
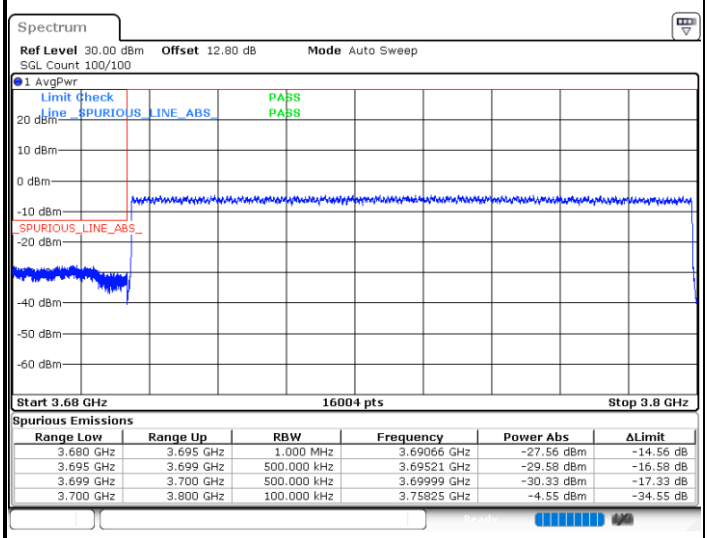
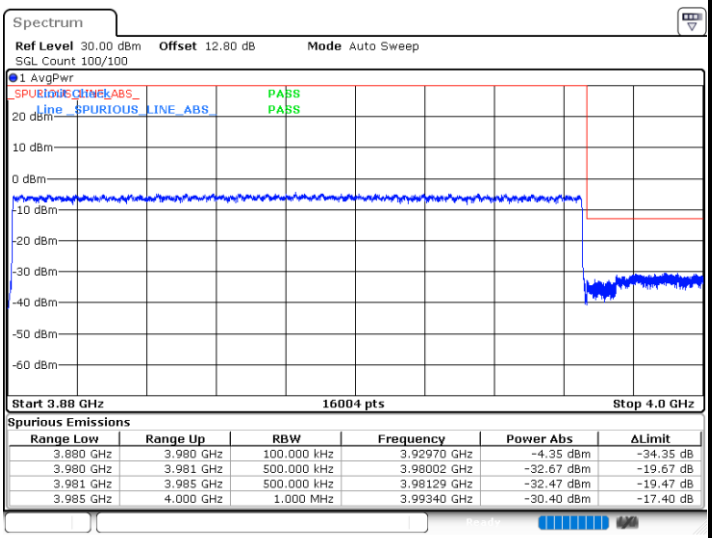
FR1 n77 / 100MHz / DFT-S OFDM / 16QAM	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n77 / 100MHz / DFT-S OFDM / 64QAM	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n77 / 100MHz / DFT-S OFDM / 256QAM	
Lowest Band Edge / 1RB0	**Highest Band Edge / 1RBmax**
	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**
	

FR1 n77 / 100MHz / CP OFDM / QPSK	
Lowest Band Edge / Full RB	**Highest Band Edge / Full RB**

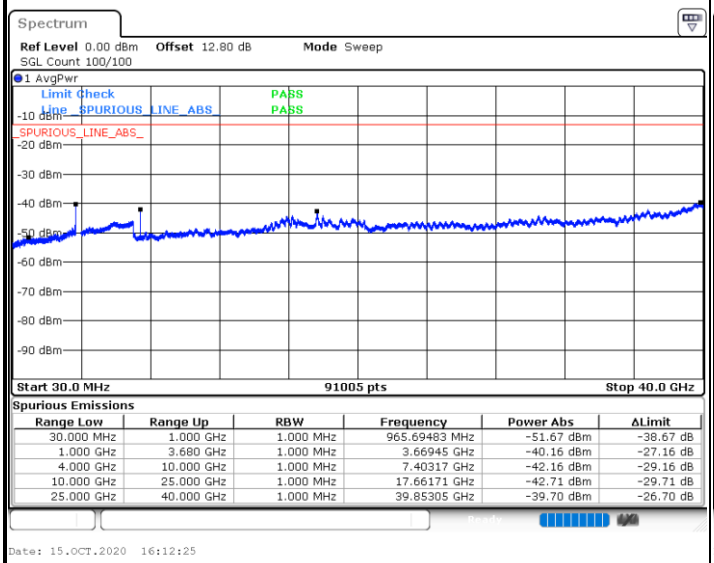




Conducted Spurious Emission

FR1 n77 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	965.69483 MHz	-51.67 dBm	-38.67 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.66945 GHz	-40.16 dBm	-27.16 dB
4.000 GHz	10.000 GHz	1.000 MHz	7.40317 GHz	-42.16 dBm	-29.16 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.66171 GHz	-42.71 dBm	-29.71 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.85305 GHz	-39.70 dBm	-26.70 dB

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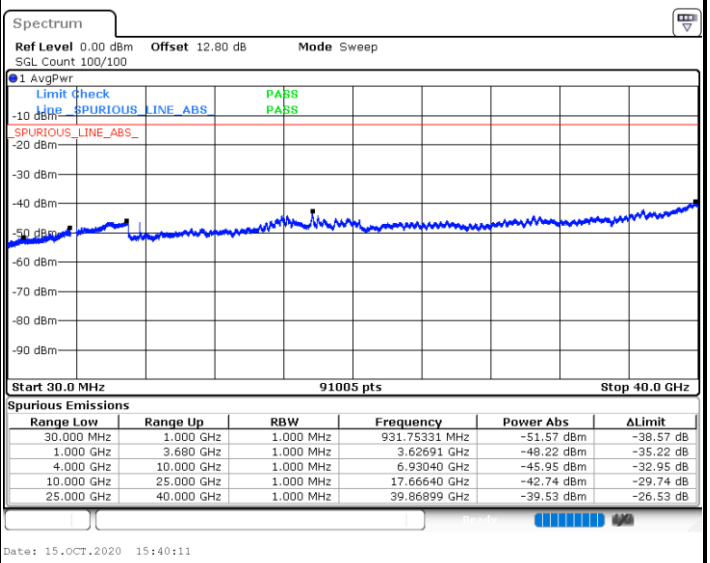
Middle Channel / 1RB1



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	931.75331 MHz	-51.57 dBm	-38.57 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.62691 GHz	-48.22 dBm	-35.22 dB
4.000 GHz	10.000 GHz	1.000 MHz	6.93040 GHz	-45.95 dBm	-32.95 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.66640 GHz	-42.74 dBm	-29.74 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.86899 GHz	-39.53 dBm	-26.53 dB

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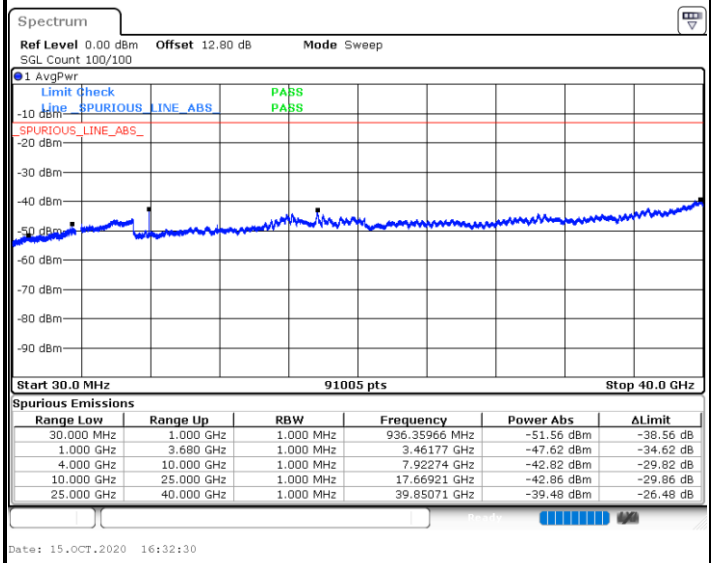
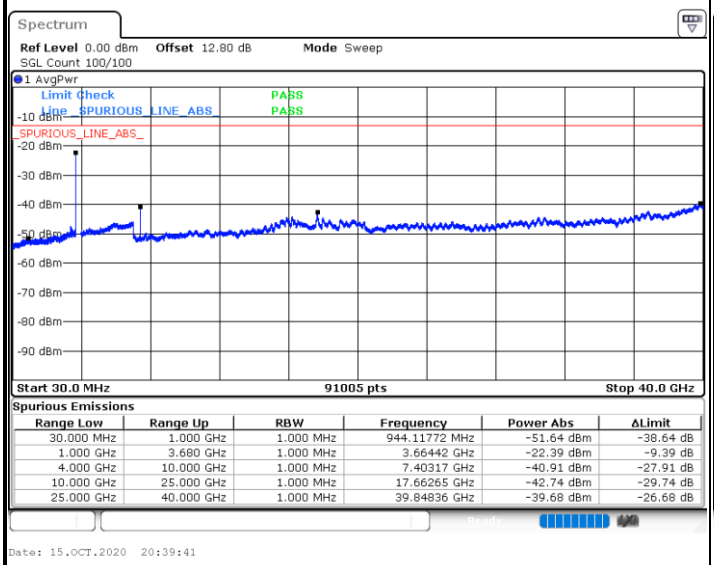
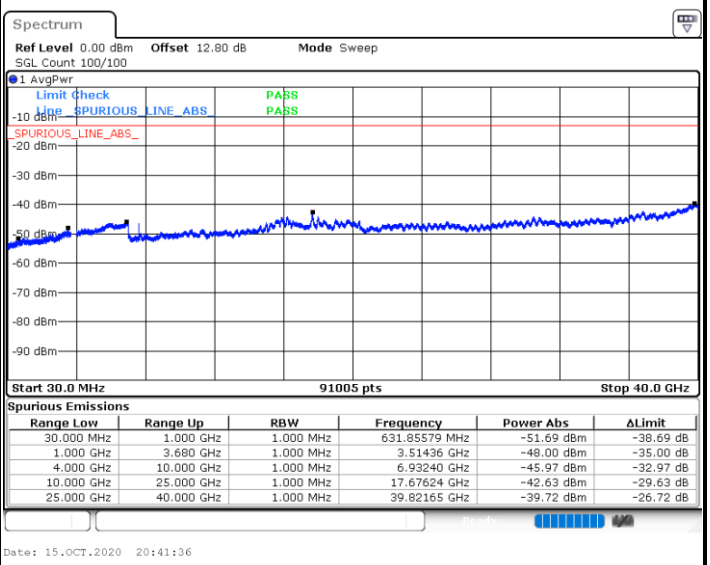
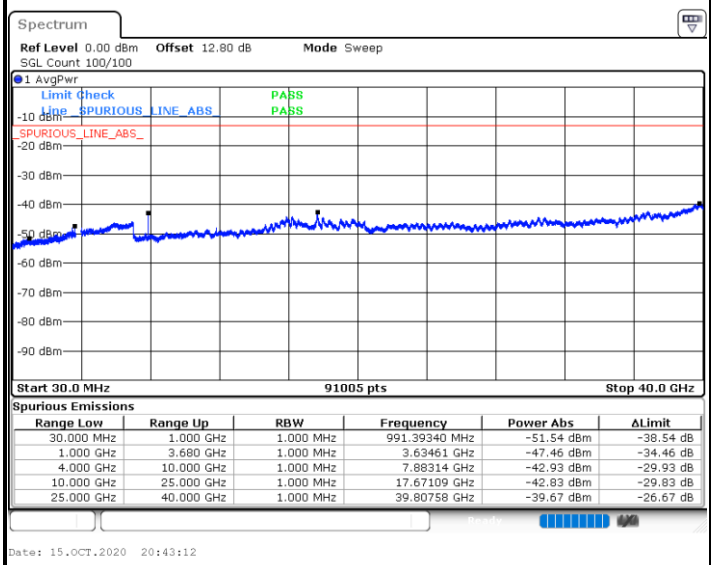
Highest Channel / 1RB1

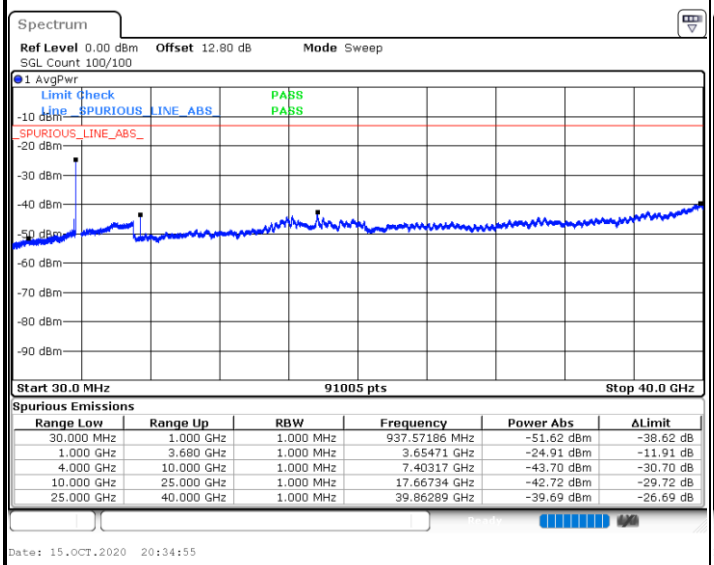
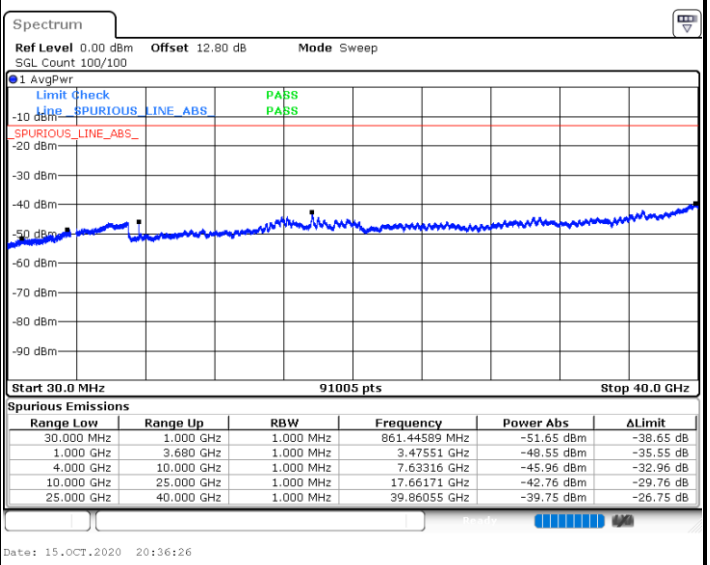
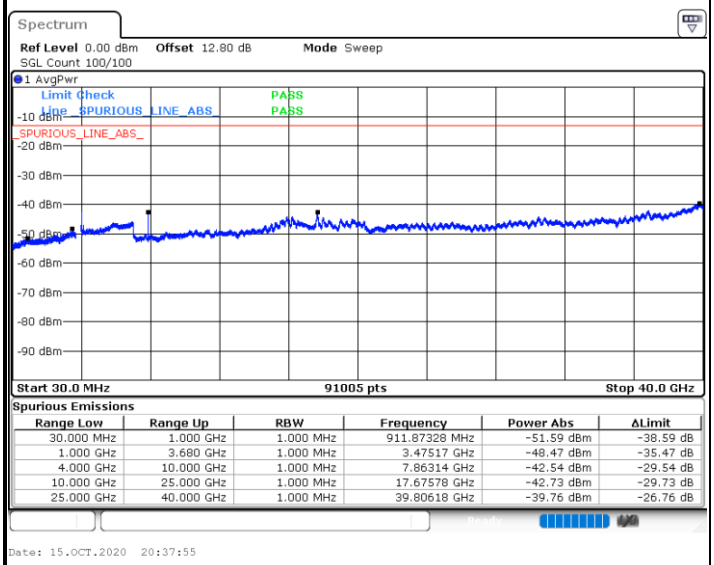


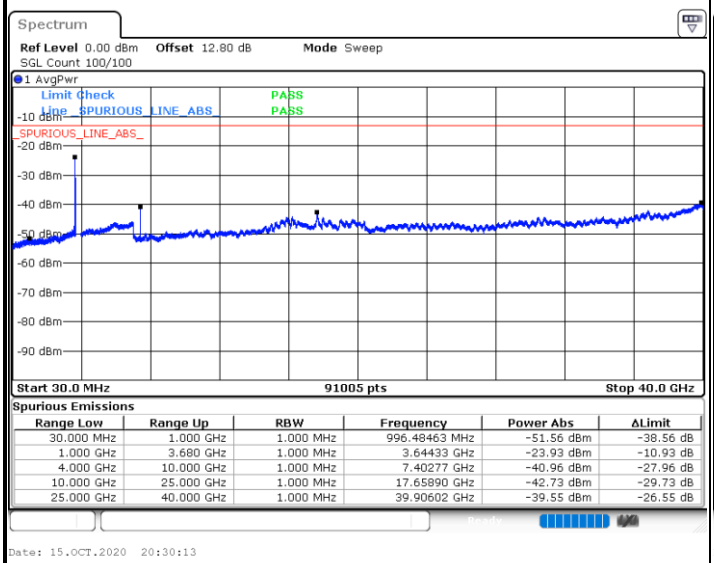
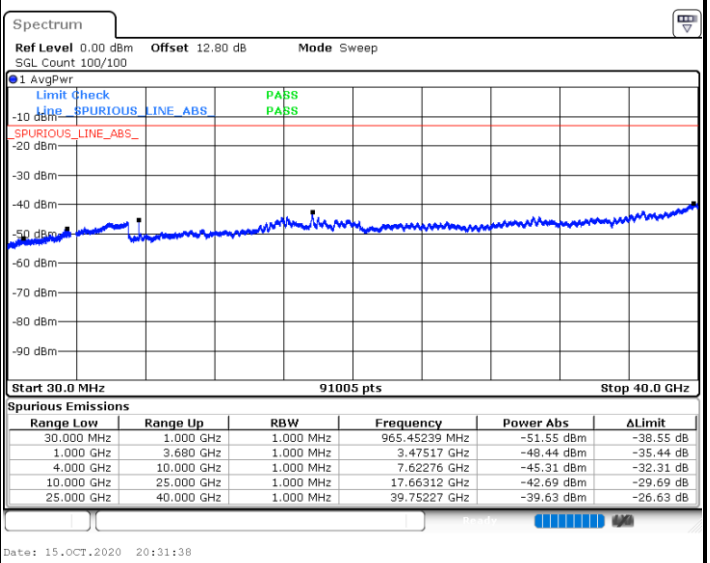
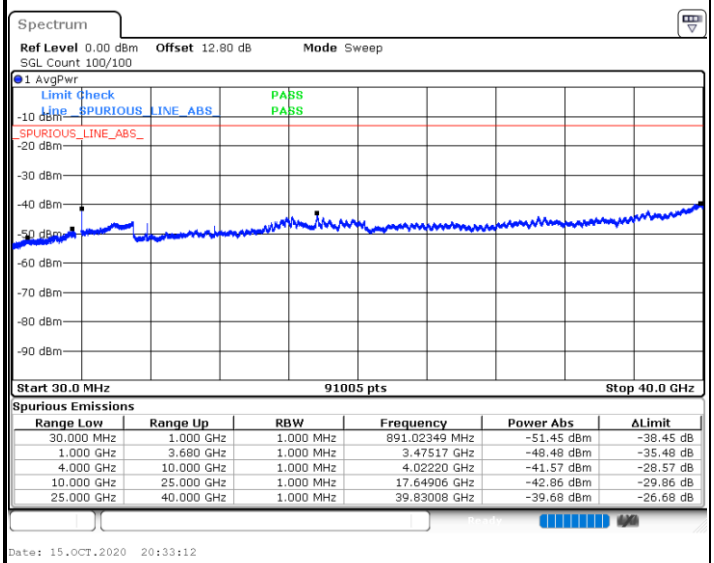
Spurious Emissions

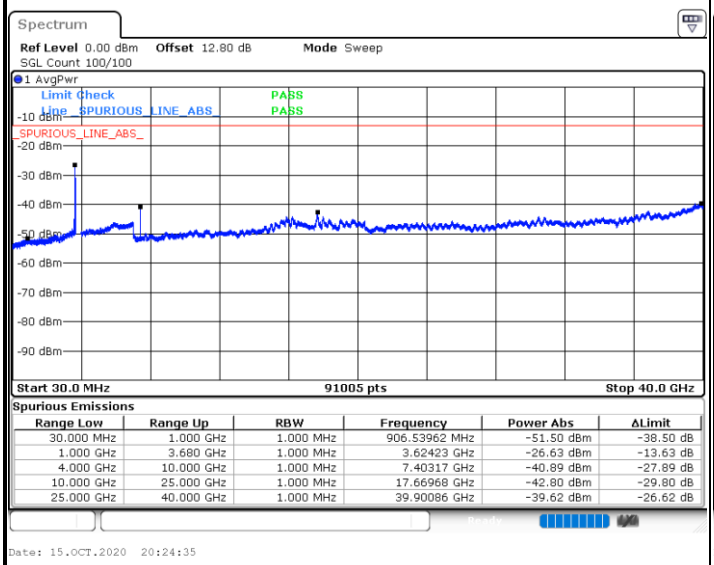
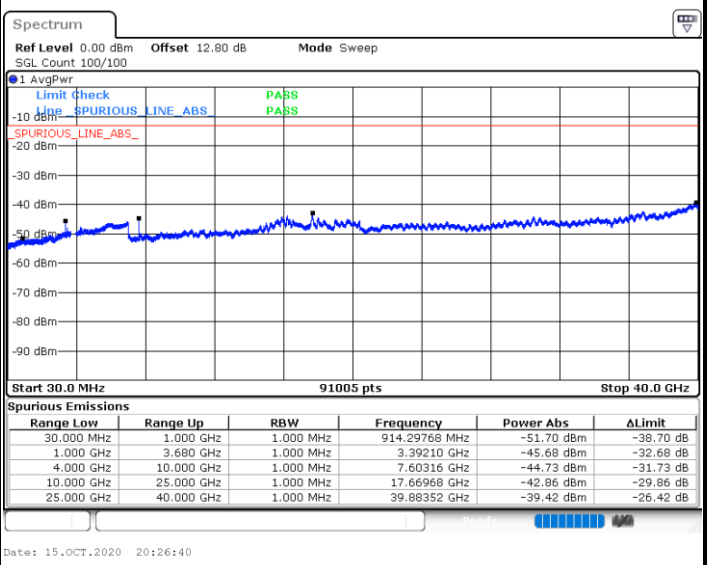
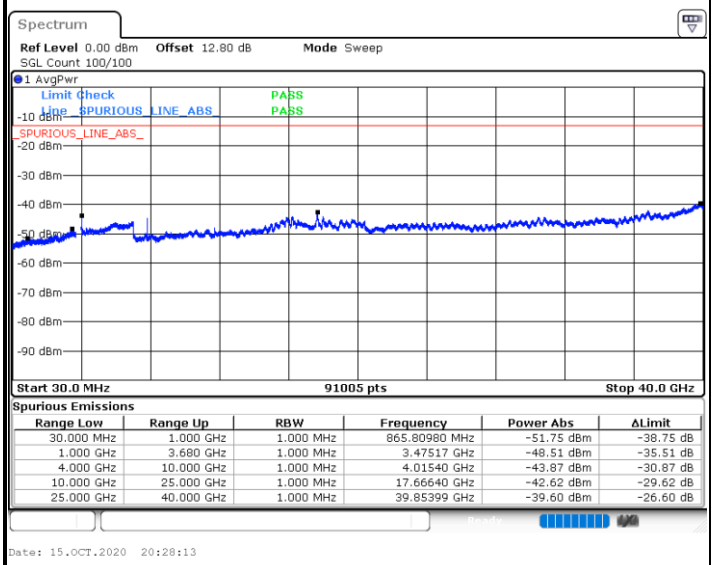
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	936.35966 MHz	-51.56 dBm	-38.56 dB
1.000 GHz	3.680 GHz	1.000 MHz	3.46177 GHz	-47.62 dBm	-34.62 dB
4.000 GHz	10.000 GHz	1.000 MHz	7.92274 GHz	-42.82 dBm	-29.82 dB
10.000 GHz	25.000 GHz	1.000 MHz	17.66921 GHz	-42.86 dBm	-29.86 dB
25.000 GHz	40.000 GHz	1.000 MHz	39.85071 GHz	-39.48 dBm	-26.48 dB

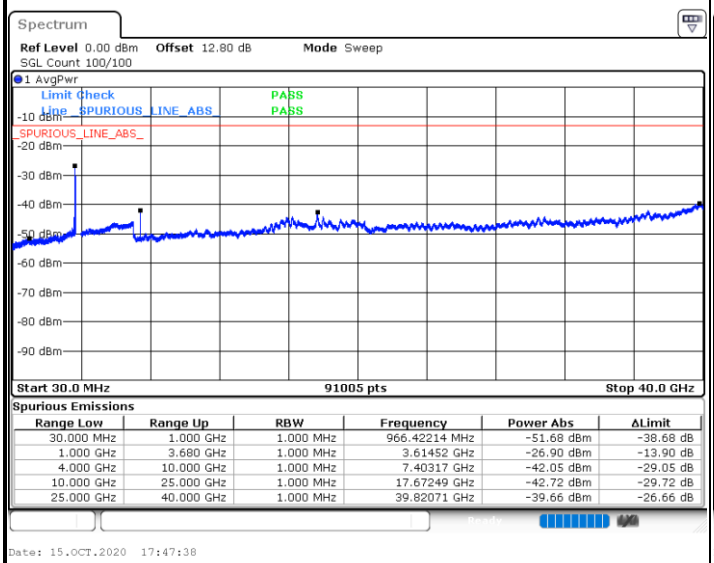
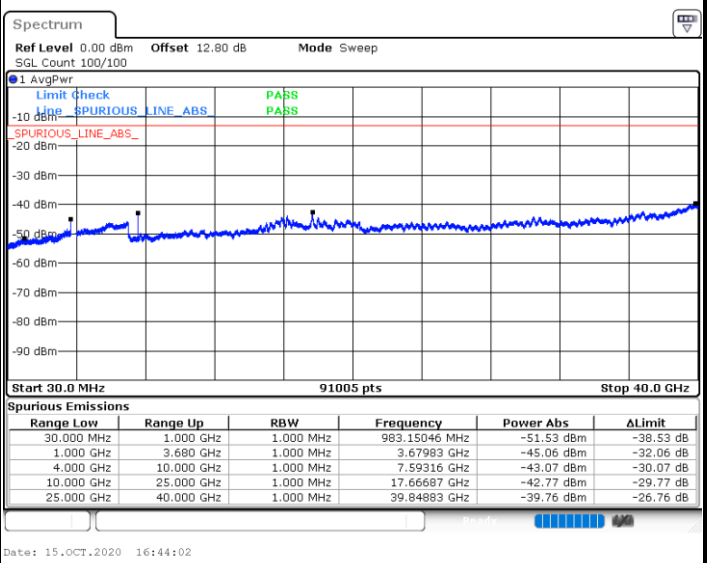
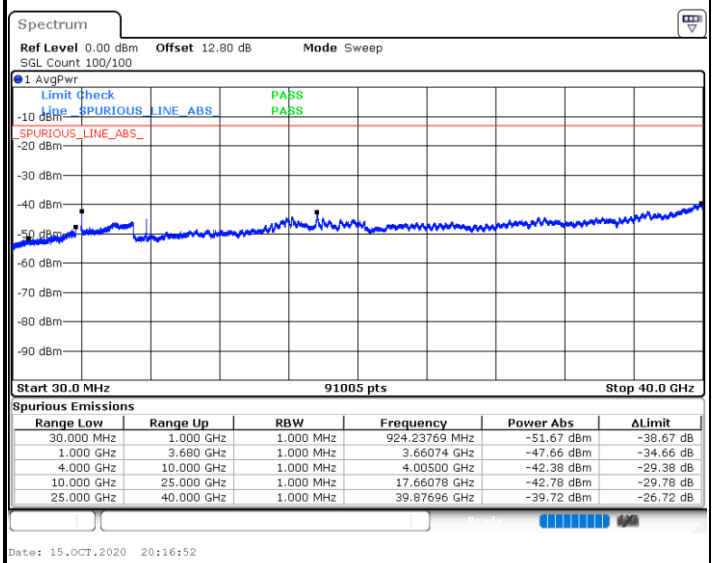
Date: 15.OCT.2020 16:32:30

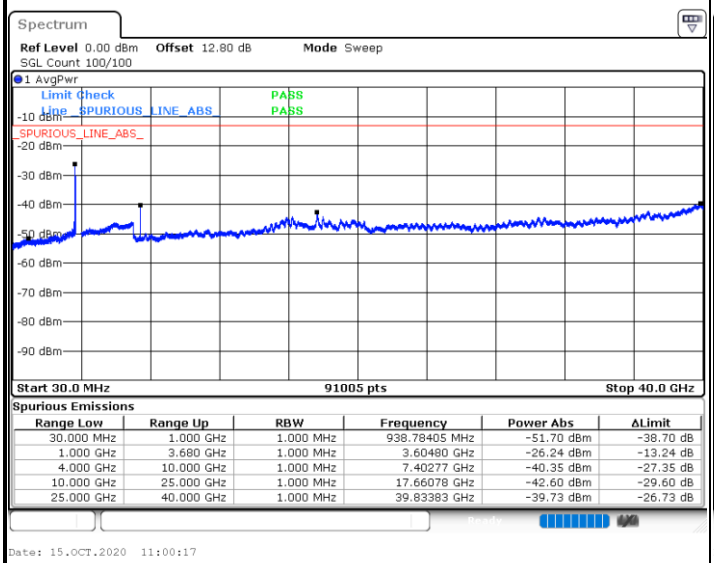
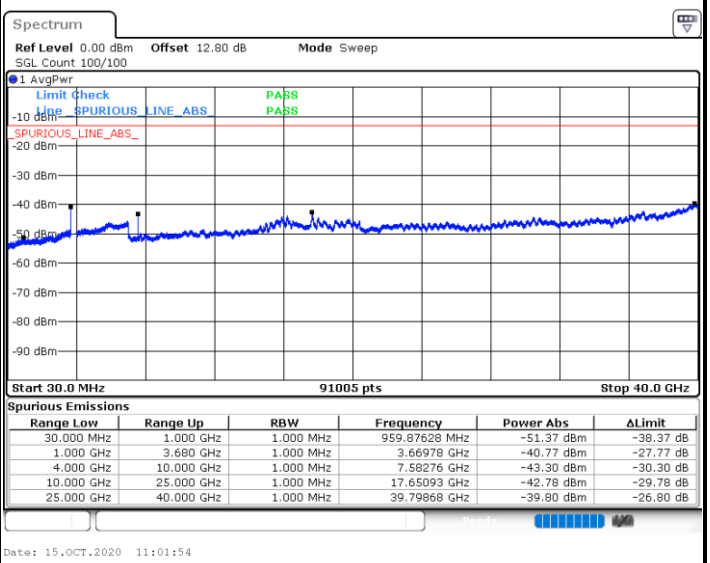
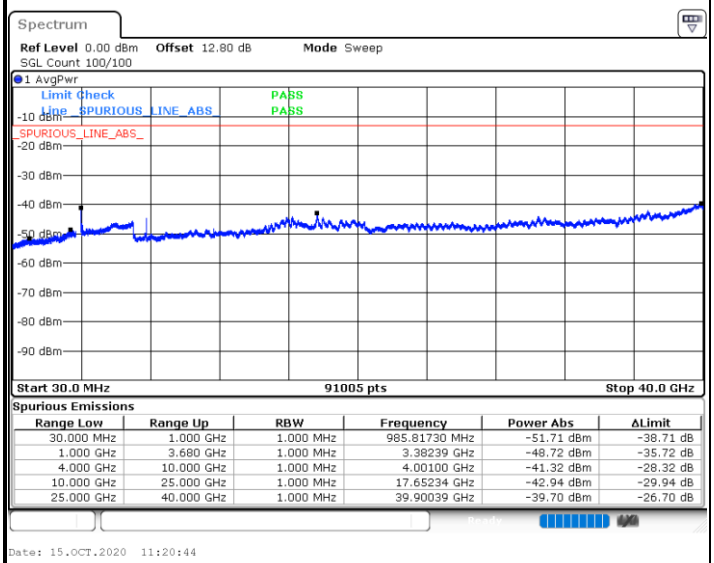
FR1 n77 / 40MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB1	**Middle Channel / 1RB1**
	
Highest Channel / 1RB1	
	

FR1 n77 / 50MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB1	**Middle Channel / 1RB1**
	
Highest Channel / 1RB1	
	

FR1 n77 / 60MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB1	**Middle Channel / 1RB1**
	
Highest Channel / 1RB1	
	

FR1 n77 / 80MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB1	**Middle Channel / 1RB1**
	
Highest Channel / 1RB1	
	

FR1 n77 / 90MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB1	**Middle Channel / 1RB1**
	
Highest Channel / 1RB1	
	

FR1 n77 / 100MHz / DFT-S OFDM / QPSK	
Lowest Channel / 1RB1	**Middle Channel / 1RB1**
	
Highest Channel / 1RB1	
	

Frequency Stability

Test Conditions		FR1 n77 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0019	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0143	
-20	Normal Voltage	0.0018	
-30	Normal Voltage	0.0133	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0014	
20	Battery End Point	0.0142	

Note:

1. Normal Voltage =3.87 V.；Battery End Point (BEP) =3.49 V.；Maximum Voltage =4.45 V.

2. The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of EIRP and Radiated Test

EIRP

<Primary Antenna>
<DFT-s_OFDM>

NR n77(HPUE) / 20MHz (Average) (GT - LC = -1.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	25	12	26.46	0.4426	24.66	0.2925
Middle		25	12	27.03	0.5047	25.23	0.3335
Highest		25	12	26.45	0.4416	24.65	0.2918
Lowest	QPSK	1	49	26.43	0.4396	24.63	0.2905
Middle		1	49	27.04	0.5059	25.24	0.3342
Highest		1	49	26.46	0.4426	24.66	0.2925
Lowest	16QAM	1	1	25.41	0.3476	23.61	0.2297
Middle		1	1	26.04	0.4018	24.24	0.2655
Highest		1	1	25.41	0.3476	23.61	0.2297
Lowest	64QAM	1	1	23.76	0.2377	21.96	0.1571
Middle		1	1	24.35	0.2723	22.55	0.1799
Highest		1	1	23.98	0.2501	22.18	0.1652
Lowest	256QAM	1	1	21.62	0.1453	19.82	0.0960
Middle		1	1	22.15	0.1641	20.35	0.1084
Highest		1	1	21.78	0.1507	19.98	0.0996
Limit	EIRP < 1W			Result		PASS	

NR n77(HPUE) / 40MHz (Average) (GT - LC = -1.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	104	26.75	0.4732	24.95	0.3127
Middle		1	104	27.17	0.5212	25.37	0.3444
Highest		1	104	26.70	0.4678	24.90	0.3091
Lowest	QPSK	1	104	26.76	0.4743	24.96	0.3134
Middle		1	104	27.26	0.5322	25.46	0.3516
Highest		1	104	26.72	0.4699	24.92	0.3105
Lowest	16QAM	1	1	25.71	0.3724	23.91	0.2461
Middle		1	1	26.18	0.4150	24.38	0.2742
Highest		1	1	25.70	0.3716	23.90	0.2455
Lowest	64QAM	1	1	25.76	0.3768	23.96	0.2489
Middle		1	1	25.95	0.3936	24.15	0.2601
Highest		1	1	25.63	0.3656	23.83	0.2416
Lowest	256QAM	1	1	24.20	0.2631	22.40	0.1738
Middle		1	1	24.61	0.2891	22.81	0.1910
Highest		1	1	24.21	0.2637	22.41	0.1742
Limit	EIRP < 1W			Result		PASS	

NR n77(HPUE) / 50MHz (Average) (GT - LC = -1.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	64	32	26.38	0.4346	24.58	0.2871
Middle		64	32	26.93	0.4932	25.13	0.3259
Highest		64	32	26.50	0.4467	24.70	0.2952
Lowest	QPSK	1	131	26.36	0.4326	24.56	0.2858
Middle		1	131	26.98	0.4989	25.18	0.3297
Highest		1	131	26.42	0.4386	24.62	0.2898
Lowest	16QAM	1	1	25.38	0.3452	23.58	0.2281
Middle		1	1	25.90	0.3891	24.10	0.2571
Highest		1	1	25.46	0.3516	23.66	0.2323
Lowest	64QAM	1	1	25.29	0.3381	23.49	0.2234
Middle		1	1	25.67	0.3690	23.87	0.2438
Highest		1	1	25.46	0.3516	23.66	0.2323
Lowest	256QAM	1	1	23.93	0.2472	22.13	0.1634
Middle		1	1	24.36	0.2729	22.56	0.1804
Highest		1	1	23.88	0.2444	22.08	0.1615
Limit	EIRP < 1W			Result		PASS	

NR n77 /(HPUE) 60MHz (Average) (GT - LC = -1.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	81	40	26.47	0.4437	24.67	0.2931
Middle		81	40	26.96	0.4966	25.16	0.3281
Highest		81	40	26.41	0.4376	24.61	0.2891
Lowest	QPSK	81	40	26.53	0.4498	24.73	0.2972
Middle		81	40	26.92	0.4921	25.12	0.3251
Highest		81	40	26.38	0.4346	24.58	0.2871
Lowest	16QAM	1	1	25.46	0.3516	23.66	0.2323
Middle		1	1	25.80	0.3802	24.00	0.2512
Highest		1	1	25.54	0.3581	23.74	0.2366
Lowest	64QAM	1	1	24.05	0.2541	22.25	0.1679
Middle		1	1	24.30	0.2692	22.50	0.1779
Highest		1	1	24.21	0.2637	22.41	0.1742
Lowest	256QAM	1	1	21.71	0.1483	19.91	0.0980
Middle		1	1	22.09	0.1619	20.29	0.1070
Highest		1	1	21.85	0.1532	20.05	0.1012
Limit	EIRP < 1W			Result		PASS	

NR n77(HPUE) / 80MHz (Average) (GT - LC = -1.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	108	54	26.44	0.4406	24.64	0.2911
Middle		108	54	26.96	0.4966	25.16	0.3281
Highest		108	54	26.40	0.4366	24.60	0.2885
Lowest	QPSK	108	54	26.41	0.4376	24.61	0.2891
Middle		108	54	26.91	0.4910	25.11	0.3244
Highest		108	54	26.45	0.4416	24.65	0.2918
Lowest	16QAM	1	1	25.47	0.3524	23.67	0.2329
Middle		1	1	25.89	0.3882	24.09	0.2565
Highest		1	1	25.76	0.3768	23.96	0.2489
Lowest	64QAM	1	1	24.17	0.2613	22.37	0.1726
Middle		1	1	24.48	0.2806	22.68	0.1854
Highest		1	1	24.28	0.2680	22.48	0.1771
Lowest	256QAM	1	1	21.71	0.1483	19.91	0.0980
Middle		1	1	22.12	0.1630	20.32	0.1077
Highest		1	1	22.02	0.1593	20.22	0.1052
Limit	EIRP < 1W			Result		PASS	

NR n77(HPUE) / 90MHz (Average) (GT - LC = -1.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	120	60	26.53	0.4498	24.73	0.2972
Middle		120	60	26.94	0.4944	25.14	0.3266
Highest		120	60	26.54	0.4509	24.74	0.2979
Lowest	QPSK	120	60	26.49	0.4457	24.69	0.2945
Middle		120	60	26.95	0.4955	25.15	0.3274
Highest		120	60	26.52	0.4488	24.72	0.2965
Lowest	16QAM	1	1	25.56	0.3598	23.76	0.2377
Middle		1	1	25.77	0.3776	23.97	0.2495
Highest		1	1	25.77	0.3776	23.97	0.2495
Lowest	64QAM	1	1	24.04	0.2536	22.24	0.1675
Middle		1	1	24.29	0.2686	22.49	0.1775
Highest		1	1	24.37	0.2736	22.57	0.1808
Lowest	256QAM	1	1	21.76	0.1500	19.96	0.0991
Middle		1	1	22.02	0.1593	20.22	0.1052
Highest		1	1	21.99	0.1582	20.19	0.1045
Limit	EIRP < 1W			Result		PASS	

NR n77(HPUE) / 100MHz (Average) (GT - LC = -1.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	135	67	26.59	0.4561	24.79	0.3014
Middle		135	67	26.94	0.4944	25.14	0.3266
Highest		135	67	26.48	0.4447	24.68	0.2938
Lowest	QPSK	135	67	26.53	0.4498	24.73	0.2972
Middle		135	67	26.98	0.4989	25.18	0.3297
Highest		135	67	26.49	0.4457	24.69	0.2945
Lowest	16QAM	1	1	25.45	0.3508	23.65	0.2318
Middle		1	1	25.79	0.3794	23.99	0.2507
Highest		1	1	25.77	0.3776	23.97	0.2495
Lowest	64QAM	1	1	23.93	0.2472	22.13	0.1634
Middle		1	1	24.22	0.2643	22.42	0.1746
Highest		1	1	24.18	0.2619	22.38	0.1730
Lowest	256QAM	1	1	21.71	0.1483	19.91	0.0980
Middle		1	1	22.00	0.1585	20.20	0.1048
Highest		1	1	22.05	0.1604	20.25	0.1060
Limit	EIRP < 1W			Result		PASS	

<ASDIV Antenna>
<DFT-s-OFDM>

NR n77(HPUE) / 20MHz (Average) (GT - LC = -4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	25	12	24.35	0.2723	20.35	0.1084
Middle		25	12	25.16	0.3281	21.16	0.1307
Highest		25	12	24.59	0.2878	20.59	0.1146
Lowest	QPSK	1	49	24.50	0.2819	20.50	0.1123
Middle		1	49	25.25	0.3350	21.25	0.1334
Highest		1	49	24.55	0.2852	20.55	0.1136
Lowest	16QAM	1	1	23.51	0.2244	19.51	0.0894
Middle		1	1	24.20	0.2631	20.20	0.1048
Highest		1	1	23.56	0.2270	19.56	0.0904
Lowest	64QAM	1	1	21.92	0.1556	17.92	0.0620
Middle		1	1	22.67	0.1850	18.67	0.0737
Highest		1	1	22.09	0.1619	18.09	0.0645
Lowest	256QAM	1	1	19.62	0.0917	15.62	0.0365
Middle		1	1	20.36	0.1087	16.36	0.0433
Highest		1	1	19.82	0.0960	15.82	0.0382
Limit	EIRP < 1W			Result		PASS	

NR n77(HPUE) / 40MHz (Average) (GT - LC = -4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	104	24.99	0.3156	20.99	0.1257
Middle		1	104	25.35	0.3428	21.35	0.1365
Highest		1	104	24.76	0.2993	20.76	0.1192
Lowest	QPSK	1	104	24.99	0.3156	20.99	0.1257
Middle		1	104	25.41	0.3476	21.41	0.1384
Highest		1	104	24.78	0.3007	20.78	0.1197
Lowest	16QAM	1	1	23.78	0.2388	19.78	0.0951
Middle		1	1	24.36	0.2729	20.36	0.1087
Highest		1	1	23.71	0.2350	19.71	0.0936
Lowest	64QAM	1	1	23.85	0.2427	19.85	0.0967
Middle		1	1	24.33	0.2711	20.33	0.1079
Highest		1	1	23.95	0.2484	19.95	0.0989
Lowest	256QAM	1	1	22.23	0.1672	18.23	0.0666
Middle		1	1	22.71	0.1867	18.71	0.0744
Highest		1	1	22.17	0.1649	18.17	0.0657
Limit	EIRP < 1W			Result		PASS	

NR n77(HPUE) / 50MHz (Average) (GT - LC = -4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	131	24.30	0.2692	20.30	0.1072
Middle		1	131	25.06	0.3207	21.06	0.1277
Highest		1	131	24.46	0.2793	20.46	0.1112
Lowest	QPSK	64	32	24.38	0.2742	20.38	0.1092
Middle		64	32	25.07	0.3214	21.07	0.1280
Highest		64	32	24.55	0.2852	20.55	0.1136
Lowest	16QAM	1	1	23.35	0.2163	19.35	0.0861
Middle		1	1	24.06	0.2547	20.06	0.1014
Highest		1	1	23.54	0.2260	19.54	0.0900
Lowest	64QAM	1	1	23.43	0.2203	19.43	0.0878
Middle		1	1	23.97	0.2495	19.97	0.0994
Highest		1	1	23.77	0.2383	19.77	0.0949
Lowest	256QAM	1	1	21.82	0.1521	17.82	0.0606
Middle		1	1	22.48	0.1771	18.48	0.0705
Highest		1	1	22.17	0.1649	18.17	0.0657
Limit	EIRP < 1W			Result		PASS	

NR n77 /(HPUE) 60MHz (Average) (GT - LC = -4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	160	24.42	0.2767	20.42	0.1102
Middle		1	160	25.08	0.3222	21.08	0.1283
Highest		1	160	24.32	0.2704	20.32	0.1077
Lowest	QPSK	1	160	24.50	0.2819	20.50	0.1123
Middle		1	160	25.12	0.3251	21.12	0.1295
Highest		1	160	24.30	0.2692	20.30	0.1072
Lowest	16QAM	1	1	23.38	0.2178	19.38	0.0867
Middle		1	1	24.01	0.2518	20.01	0.1003
Highest		1	1	23.74	0.2366	19.74	0.0942
Lowest	64QAM	1	1	21.95	0.1567	17.95	0.0624
Middle		1	1	22.32	0.1707	18.32	0.0680
Highest		1	1	22.15	0.1641	18.15	0.0654
Lowest	256QAM	1	1	19.73	0.0940	15.73	0.0375
Middle		1	1	20.08	0.1019	16.08	0.0406
Highest		1	1	19.96	0.0991	15.96	0.0395
Limit	EIRP < 1W			Result		PASS	

NR n77(HPUE) / 80MHz (Average) (GT - LC = -4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	108	54	24.58	0.2871	20.58	0.1143
Middle		108	54	25.12	0.3251	21.12	0.1295
Highest		108	54	24.56	0.2858	20.56	0.1138
Lowest	QPSK	108	54	24.48	0.2806	20.48	0.1117
Middle		108	54	25.04	0.3192	21.04	0.1271
Highest		108	54	24.52	0.2832	20.52	0.1128
Lowest	16QAM	1	1	23.51	0.2244	19.51	0.0894
Middle		1	1	23.96	0.2489	19.96	0.0991
Highest		1	1	23.82	0.2410	19.82	0.0960
Lowest	64QAM	1	1	21.95	0.1567	17.95	0.0624
Middle		1	1	22.38	0.1730	18.38	0.0689
Highest		1	1	22.31	0.1703	18.31	0.0678
Lowest	256QAM	1	1	19.67	0.0927	15.67	0.0369
Middle		1	1	19.99	0.0998	15.99	0.0398
Highest		1	1	19.95	0.0989	15.95	0.0394
Limit	EIRP < 1W			Result		PASS	

NR n77(HPUE) / 90MHz (Average) (GT - LC = -4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	120	60	24.31	0.2698	20.31	0.1074
Middle		120	60	25.10	0.3236	21.10	0.1289
Highest		120	60	24.66	0.2925	20.66	0.1165
Lowest	QPSK	120	60	24.46	0.2793	20.46	0.1112
Middle		120	60	25.06	0.3207	21.06	0.1277
Highest		120	60	24.67	0.2931	20.67	0.1167
Lowest	16QAM	1	1	23.55	0.2265	19.55	0.0902
Middle		1	1	23.99	0.2507	19.99	0.0998
Highest		1	1	24.02	0.2524	20.02	0.1005
Lowest	64QAM	1	1	22.10	0.1622	18.10	0.0646
Middle		1	1	22.54	0.1795	18.54	0.0715
Highest		1	1	22.48	0.1771	18.48	0.0705
Lowest	256QAM	1	1	19.75	0.0945	15.75	0.0376
Middle		1	1	20.21	0.1050	16.21	0.0418
Highest		1	1	20.12	0.1029	16.12	0.0410
Limit	EIRP < 1W			Result		PASS	

NR n77(HPUE) / 100MHz (Average) (GT - LC = -4 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	135	67	24.46	0.2793	20.46	0.1112
Middle		135	67	25.02	0.3177	21.02	0.1265
Highest		135	67	24.64	0.2911	20.64	0.1159
Lowest	QPSK	135	67	24.48	0.2806	20.48	0.1117
Middle		135	67	25.00	0.3163	21.00	0.1259
Highest		135	67	24.64	0.2911	20.64	0.1159
Lowest	16QAM	1	1	23.57	0.2276	19.57	0.0906
Middle		1	1	24.05	0.2541	20.05	0.1012
Highest		1	1	23.97	0.2495	19.97	0.0994
Lowest	64QAM	1	1	21.99	0.1582	17.99	0.0630
Middle		1	1	22.45	0.1758	18.45	0.0700
Highest		1	1	22.46	0.1762	18.46	0.0702
Lowest	256QAM	1	1	19.66	0.0925	15.66	0.0369
Middle		1	1	20.05	0.1012	16.05	0.0403
Highest		1	1	20.15	0.1036	16.15	0.0413
Limit	EIRP < 1W			Result		PASS	

Radiated Spurious Emission

<Primary Antenna>

<Ant. 7>

EN-DC 41A-n77A

EN-DC 41A-n77A / 20MHz / PI/2 BPSK									
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)
Lowest	7400	-47.53	-13	-34.53	-74.61	-54.70	1.94	11.26	H
	11105	-43.64	-13	-30.64	-74.65	-49.91	2.61	11.03	H
	14808	-39.12	-13	-26.12	-74.52	-46.02	2.94	11.99	H
	18506	-54.99	-13	-41.99	-73.37	-68.84	1.90	17.90	H
	22207	-54.05	-13	-41.05	-76.73	-68.67	2.05	18.82	H
	25908	-51.92	-13	-38.92	-78.18	-66.89	1.96	19.08	H
									H
	7400	-47.18	-13	-34.18	-74.1	-54.35	1.94	11.26	V
	11105	-43.87	-13	-30.87	-74.72	-50.14	2.61	11.03	V
	14808	-41.46	-13	-28.46	-74.91	-48.36	2.94	11.99	V
	18506	-55.88	-13	-42.88	-73.4	-69.73	1.90	17.90	V
	22207	-54.05	-13	-41.05	-76.75	-68.67	2.05	18.82	V
	25908	-50.63	-13	-37.63	-78	-65.60	1.96	19.08	V
									V

Middle	7660	-48.37	-13	-35.37	-74.35	-55.34	2.01	11.13	H
	11495	-42.59	-13	-29.59	-74.08	-49.49	2.44	11.49	H
	15324	-36.88	-13	-23.88	-73.28	-46.45	3.09	14.80	H
	19156	-54.91	-13	-41.91	-74.07	-69.00	1.82	18.06	H
	22987	-52.85	-13	-39.85	-76.99	-66.93	1.98	18.21	H
	26818	-52.33	-13	-39.33	-79.14	-66.74	2.17	18.74	H
									H
	7660	-48.62	-13	-35.62	-74.47	-55.59	2.01	11.13	V
	11495	-42.42	-13	-29.42	-73.76	-49.32	2.44	11.49	V
	15324	-38.59	-13	-25.59	-73.57	-48.16	3.09	14.80	V
	19156	-55.54	-13	-42.54	-74	-69.63	1.82	18.06	V
	22987	-52.83	-13	-39.83	-76.99	-66.91	1.98	18.21	V
	26818	-50.60	-13	-37.60	-78.89	-65.01	2.17	18.74	V
									V
Highest	7920	-47.85	-13	-34.85	-74.51	-54.84	2.05	11.18	H
	11885	-42.10	-13	-29.10	-73.93	-49.96	2.56	12.58	H
	15846	-36.24	-13	-23.24	-73.23	-48.20	3.06	17.18	H
	19806	-55.49	-13	-42.49	-75.4	-69.81	1.93	18.40	H
	23767	-52.11	-13	-39.11	-77.33	-65.98	1.98	18.00	H
	27728	-53.35	-13	-40.35	-79.55	-68.20	2.29	19.29	H
									H
	7920	-48.13	-13	-35.13	-74.58	-55.12	2.05	11.18	V
	11885	-41.82	-13	-28.82	-74.13	-49.68	2.56	12.58	V
	15846	-36.62	-13	-23.62	-73.83	-48.58	3.06	17.18	V
	19806	-55.91	-13	-42.91	-75.21	-70.23	1.93	18.40	V
	23767	-51.43	-13	-38.43	-77.04	-65.30	1.98	18.00	V
	27728	-51.74	-13	-38.74	-79.27	-66.59	2.29	19.29	V
									V

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

<ASDIV Antenna>

<Ant. 2>

EN-DC 41A-n77A

EN-DC 41A-n77A / 20MHz / PI/2 BPSK									
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)
Lowest	7400	-47.98	-13	-34.98	-75.06	-55.15	1.94	11.26	H
	11105	-43.44	-13	-30.44	-74.45	-49.71	2.61	11.03	H
	14808	-39.53	-13	-26.53	-74.93	-46.43	2.94	11.99	H
	18506	-54.91	-13	-41.91	-73.29	-68.76	1.90	17.90	H
	22207	-53.85	-13	-40.85	-76.53	-68.47	2.05	18.82	H
	25908	-51.98	-13	-38.98	-78.24	-66.95	1.96	19.08	H
									H
	7400	-47.87	-13	-34.87	-74.79	-55.04	1.94	11.26	V
	11105	-43.33	-13	-30.33	-74.18	-49.60	2.61	11.03	V
	14808	-41.45	-13	-28.45	-74.9	-48.35	2.94	11.99	V
	18506	-55.61	-13	-42.61	-73.13	-69.46	1.90	17.90	V
	22207	-54.26	-13	-41.26	-76.96	-68.88	2.05	18.82	V
	25908	-50.68	-13	-37.68	-78.05	-65.65	1.96	19.08	V
									V

Middle	7660	-48.81	-13	-35.81	-74.79	-55.78	2.01	11.13	H
	11495	-42.67	-13	-29.67	-74.16	-49.57	2.44	11.49	H
	15324	-37.37	-13	-24.37	-73.77	-46.94	3.09	14.80	H
	19156	-54.27	-13	-41.27	-73.43	-68.36	1.82	18.06	H
	22987	-52.71	-13	-39.71	-76.85	-66.79	1.98	18.21	H
	26818	-52.08	-13	-39.08	-78.89	-66.49	2.17	18.74	H
									H
	7660	-48.65	-13	-35.65	-74.5	-55.62	2.01	11.13	V
	11495	-42.76	-13	-29.76	-74.1	-49.66	2.44	11.49	V
	15324	-38.69	-13	-25.69	-73.67	-48.26	3.09	14.80	V
	19156	-54.97	-13	-41.97	-73.43	-69.06	1.82	18.06	V
	22987	-52.94	-13	-39.94	-77.1	-67.02	1.98	18.21	V
	26818	-50.98	-13	-37.98	-79.27	-65.39	2.17	18.74	V
									V
Highest	7920	-47.83	-13	-34.83	-74.49	-54.82	2.05	11.18	H
	11885	-42.09	-13	-29.09	-73.92	-49.95	2.56	12.58	H
	15846	-36.57	-13	-23.57	-73.56	-48.53	3.06	17.18	H
	19806	-54.46	-13	-41.46	-74.37	-68.78	1.93	18.40	H
	23767	-51.53	-13	-38.53	-76.75	-65.40	1.98	18.00	H
	27728	-51.98	-13	-38.98	-78.18	-66.83	2.29	19.29	H
									H
	7920	-47.76	-13	-34.76	-74.21	-54.75	2.05	11.18	V
	11885	-41.54	-13	-28.54	-73.85	-49.40	2.56	12.58	V
	15846	-36.55	-13	-23.55	-73.76	-48.51	3.06	17.18	V
	19806	-56.15	-13	-43.15	-75.45	-70.47	1.93	18.40	V
	23767	-51.79	-13	-38.79	-77.4	-65.66	1.98	18.00	V
	27728	-52.32	-13	-39.32	-79.85	-67.17	2.29	19.29	V
									V

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

———THE END———